DOCUMENT RESUME

ED 388 963 CS 012 362

AUTHOR	Miller, Karen E.; And Others
TITLE	Cross-State Data Compendium for the NAEP 1994 Grade 4 Reading Assessment: Findings from the Trial State Assessment in Reading of the National Assessment of Educational Progress.
INSTITUTION	Educational Testing Service, Princeton, NJ. Center for the Assessment of Educational Progress.; National Assessment of Educational Progress, Princeton, NJ.
SPONS AGENCY	National Center for Education Statistics (ED), Washington, DC.
REPORT NO	ISBN-0-16-048544-4; NCES-95-157
PUB DATE	Dec 95
NOTE	172p.; Contains tables of cross-state information for the variables discussed in the NAEP 1994 Reading Report Card for the Nation and the States (see CS 012 361) and the NAEP 1994 Reading State Report, and should be used as a companion document to these reports.
AVAILABLE FROM	U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328.
PUB TYPE	Statistical Data (110)
EDRS PRICE	MF01/PC07 Plus Postage.
DESCRIPTORS	Comparative Analysis; Grade 4; Institutional Characteristics; Intermediate Grades; Professional Development; *Reading Achievement; *Reading Instruction; Reading Interests; Reading Research; *Statistical Data; Student Attitudes; Teacher Attitudes; Teaching Methods
IDENTIFIERS	*National Assessment of Educational Progress

ABSTRACT

Intended as a companion document to the "NAEP 1994 Reading Report Card for the Nation and States" and the "NAEP 1994 Reading State Report," this compendium presents fourth-grade cross-state results of the National Assessment in Educational Process (NAEP) 1994 Trial State Assessment in reading--no interpretations of the data are made. Chapter 1 presents the results for the nation; results for each of the four regions; and each of the participating jurisdictions in the context of the overall average reading proficiency, reading proficiency by the two purposes of reading, and the NAEP reading achievement levels. Chapter 2 presents similar information for selected subpopulations: race/ethnicity, gender, type of location, parents' education level, Title 1 participation, and type of school. School and classroom characteristics and methods of reading instruction are examined in chapters 3 and 4. Chapter 5 contains teachers' reports on their professional development; chapter 6 deals with students' reports of their independent reading behaviors. Contains 65 tables of data. Appendixes provide a summary of participation rates, reporting subgroup(s) definitions, advice on drawing inferences from the results, and revisions to the 1992 and 1994 findings. (RS)

NATIONAL CENTER FOR EDUCATION STATISTICS

ED 388 963

CROSS-STATE DATA COMPENDIUM FOR THE NAEP 1994 GRADE 4 READING ASSESSMENT

CS0123

BEST COPY AVAILABLE

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)
☑ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

U.S. DEPARTMENT OF EDUCATION
OFFICE OF EDUCATIONAL RESEARCH AND IMPROVEMENT

What is The Nation's Report Card?

THE NATION'S REPORT CARD, the National Assessment of Educational Progress (NAEP), is the only nationally representative and continuing assessment of what America's students know and can do in various subject areas. Since 1969, assessments have been conducted periodically in reading, mathematics, science, writing, history/geography, and other fields. By making objective information on student performance available to policymakers at the national, state, and local levels, NAEP is an integral part of our nation's evaluation of the condition and progress of education. Only information related to academic achievement is collected under this program. NAEP guarantees the privacy of individual students and their families.

NAEP is a congressionally mandated project of the National Center for Education Statistics, the U.S. Department of Education. The Commissioner of Education Statistics is responsible, by law, for carrying out the NAEP project through competitive awards to qualified organizations. NAEP reports directly to the Commissioner, who is also responsible for providing continuing reviews, including validation studies and solicitation of public comment, on NAEP's conduct and usefulness.

In 1988, Congress established the National Assessment Governing Board (NAGB) to formulate policy guidelines for NAEP. The Board is responsible for selecting the subject areas to be assessed from among those included in the National Education Goals; for setting appropriate student performance levels; for developing assessment objectives and test specifications through a national consensus approach; for designing the assessment methodology; for developing guidelines for reporting and disseminating NAEP results; for developing standards and procedures for interstate, regional, and national comparisons; for determining the appropriateness of test items and ensuring they are free from bias; and for taking actions to improve the form and use of the National Assessment.

The National Assessment Governing Board

Honorable William T. Randall, Chair
Commissioner of Education
State Department of Education
Denver, Colorado

Mary R. Blanton
Attorney
Salisbury, North Carolina

Honorable Evan Bayh
Governor of Indiana
Indianapolis, Indiana

Patsy Cavazos
Principal
W.G. Love Elementary School
Houston, Texas

Honorable Naomi K. Cohen
Former Representative
State of Connecticut
Hartford, Connecticut

Charlotte A. Crabtree
Professor of Education
University of California
Los Angeles, California

Catherine L. Davidson
Secondary Education Director
Central Kitsap School District
Silverdale, Washington

James E. Ellingson
Fourth-grade Teacher
Probstfield Elementary School
Moorhead, Minnesota

Chester E. Finn, Jr.
John M. Olin Fellow
Hudson Institute
Washington, DC

Michael J. Guerra
Executive Director
Secondary School Department
National Catholic Education Association
Washington, DC

William (Jerry) Hume
Chairman
Basic American, Inc.
San Francisco, California

Jan B. Loveless
Educational Consultant
Jan B. Loveless & Associates
Midland, Michigan

Marilyn McConachie
Local School Board Member
Glenbrook High Schools
Glenview, Illinois

Honorable Stephen E. Merrill
Governor of New Hampshire
Concord, New Hampshire

Jason Millman
Prof. of Educational Research Methodology
Cornell University
Ithaca, New York

Honorable Richard P. Mills
Commissioner of Education
New York State Department of Education
Albany, New York

William J. Moloney
Superintendent of Schools
Calvert County Public Schools
Prince Frederick, Maryland

Mark D. Musick
President
Southern Regional Education Board
Atlanta, Georgia

Mitsugi Nakashima
Hawaii State Board of Education
Honolulu, Hawaii

Michael T. Nettles
Professor of Education & Public Policy
University of Michigan
Ann Arbor, Michigan

Honorable Edgar D. Ross
Attorney
Christiansted, St. Croix
U.S. Virgin Islands

Fannie N. Simmons
Mathematics Specialist
Midlands Improving Math & Science Hub
Columbia, South Carolina

Marilyn A. Whirry
Twelfth-grade English Teacher
Mira Costa High School
Manhattan Beach, California

Sharon P. Robinson (ex-officio)
Assistant Secretary
Office of Educational Research
and Improvement
U.S. Department of Education
Washington, DC

Roy Truby
Executive Director, NAGB
Washington, DC

NATIONAL CENTER FOR EDUCATION STATISTICS

Cross-State Data Compendium for the NAEP 1994 Grade 4 Reading Assessment

Karen E. Miller
Jennifer E. Nelson
Mary Naifeh

December 1995

Office of Educational Research and Improvement
U.S. Department of Education

Prepared by Educational Testing Service under contract
with the National Center for Education Statistics

CS012362

U.S. Department of Education
Richard W. Riley
Secretary

Office of Educational Research and Improvement
Sharon P. Robinson
Assistant Secretary

National Center for Education Statistics
Jeanne E. Griffith
Acting Commissioner

Education Assessment Division
Gary W. Phillips
Associate Commissioner

December 1995

FOR MORE INFORMATION:

For ordering information on this report, write:

National Library of Education
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue, NW
Washington, D.C. 20208-5641

or call 1-800-424-1616 (in the Washington, D.C. metropolitan area call 202-219-1651).

The work upon which this publication is based was performed for the National Center for Education Statistics, Office of Educational Research and Improvement, by Educational Testing Service.

Educational Testing Service is an equal opportunity, affirmative action employer.

Educational Testing Service, ETS, and the ETS logo are registered trademarks of Educational Testing Service.

For sale by the U.S. Government Printing Office
Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328
ISBN 0-16-048544-4

CROSS-STATE DATA COMPENDIUM FOR THE NAEP 1994 GRADE 4
READING ASSESSMENT

CONTENTS

Introduction 1

CHAPTER 1: Proficiency and Achievement Levels for the Nation and the States 5

Overview 5

Table 1 Average Reading Proficiency and Selected Percentiles: Grade 4, Public School Students, 1992 and 1994 7

Table 2 Average Reading Proficiency by Purposes for Reading: Grade 4, Public School Students, 1992 and 1994 9

Table 3 Average Reading Proficiency and Percentage of Students at Achievement Levels: Grade 4, Public School Students, 1992 and 1994 10

CHAPTER 2: Proficiency and Achievement Levels for Population Subgroups 13

Overview 13

Race/Ethnicity 14

Table 4 Percentage of Students and Average Reading Proficiency by Race/Ethnicity: Grade 4, Public School Students, 1992 and 1994 14

Table 5 Average Reading Proficiency by Purposes for Reading by Race/Ethnicity: Grade 4, Public School Students, 1992 and 1994 17

Table 6 Percentage of Students at Achievement Levels by Race/Ethnicity: Grade 4, Public School Students, 1992 and 1994 20

Gender 25

Table 7 Percentage of Students and Average Reading Proficiency by Gender: Grade 4, Public School Students, 1992 and 1994 25

Table 8 Average Reading Proficiency by Purposes for Reading by Gender: Grade 4, Public School Students, 1992 and 1994 26

Table 9 Percentage of Students at Achievement Levels by Gender: Grade 4, Public School Students, 1992 and 1994 28

Type of Location 30

Table 10 Percentage of Students and Average Reading Proficiency by Type of Location: Grade 4, Public School Students, 1992 and 1994 30

Table 11 Average Reading Proficiency by Purposes for Reading by Type of Location: Grade 4, Public School Students, 1992 and 1994 32

Table 12 Percentage of Students at Achievement Levels by Type of Location: Grade 4, Public School Students, 1992 and 1994 34

Parents' Education Level 38

Table 13 Percentage of Students and Average Reading Proficiency by Parents' Education Level: Grade 4, Public School Students, 1992 and 1994 38

Table 14 Average Reading Proficiency by Purposes for Reading by Parents' Education Level: Grade 4, Public School Students, 1992 and 1994 40

Table 15 Percentage of Students at Achievements Levels by Parents' Education Level: Grade 4, Public School Students, 1992 and 1994 44

Title 1 Participation 52

Table 16 Percentage of Students and Average Reading Proficiency by Title 1 Participation: Grade 4, Public School Students, 1994 52

Nonpublic Schools 53

Table 17 Percentage of Students and Average Reading Proficiency at Achievement Levels: Grade 4, Nonpublic School Students, 1994 53

Table 18 Average Reading Proficiency and Percentage of Students at Achievement Levels: Grade 4, Combined Public and Nonpublic School Students, 1994 54

CHAPTER 3: School and Classroom Characteristics 55

Overview 55

Table 19 Percentage of Students and Average Reading Proficiency by Schools' Reports on the Identification of Reading as an Instructional Priority: Grade 4, Public School Students, 1992 and 1994 56

Table 20 Percentage of Students and Average Reading Proficiency by Schools' Reports on How Classes Are Organized for Instruction: Grade 4, Public School Students, 1992 and 1994 57

Table 21 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Prevalence of Ability Grouping: Grade 4, Public School Students, 1992 and 1994 59

Table 22 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Availability of Instructional Support Personnel: Grade 4, Public School Students, 1992 and 1994 60

Table 23 Percentage of Students and Average Reading Proficiency by Schools' Reports on the Use of Parents as Aides in the Classroom: Grade 4, Public School Students, 1992 and 1994 61

Table 24 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Amount of Time Spent on Reading Instruction on a Typical Day: Grade 4, Public School Students, 1992 and 1994 63

Table 25 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Which Type of Materials Form the Core of Their Reading Programs: Grade 4, Public School Students, 1992 and 1994 65

Table 26 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Availability of Resources: Grade 4, Public School Students, 1992 and 1994 67

CHAPTER 4: Instructional Approaches and Strategies 69

Overview 69

Use of Workbooks and Worksheets 70

Table 27 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Work in Reading Workbooks or on Worksheets as a Part of Reading Instruction: Grade 4, Public School Students, 1992 and 1994 70

Table 28 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Work in Reading Workbooks or on Worksheets as a Part of Reading Instruction: Grade 4, Public School Students, 1992 and 1994 72

Writing in Response to Reading 74

Table 29 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Write About Something They Have Read: Grade 4, Public School Students, 1992 and 1994 74

Table 30 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Write About Something They Have Read: Grade 4, Public School Students, 1992 and 1994 76

Emphasis on Vocabulary 78

Table 31 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which They Discuss New or Difficult Vocabulary with Students: Grade 4, Public School Students, 1992 and 1994 78

Table 32 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which Their Teachers Discuss New or Difficult Vocabulary: Grade 4, Public School Students, 1992 and 1994 80

Interaction Among Students During Reading Instruction 82

Table 33 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Talk to Each Other About What They Have Read: Grade 4, Public School Students, 1992 and 1994 82

Table 34 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Talk to Each Other About What They Have Read: Grade 4, Public School Students, 1994 84

Table 35 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Do a Group Activity or Project About What They Have Read: Grade 4, Public School Students, 1992 and 1994 85

Table 36 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Do a Group Activity or Project About What They Have Read: Grade 4, Public School Students, 1994 87

Opportunities for Reading During Reading Instruction 88

Table 37 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Read Aloud: Grade 4, Public School Students, 1992 and 1994 88

Table 38 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Read Aloud: Grade 4, Public School Students, 1994 90

Table 39 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Read Silently: Grade 4, Public School Students, 1992 and 1994 91

Table 40 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Read Silently: Grade 4, Public School Students, 1992 and 1994 93

Table 41 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Are Provided Time for Reading Books of Their Own Choosing: Grade 4, Public School Students, 1994 95

Table 42 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency with Which They Are Provided Time for Reading Books of Their Own Choosing: Grade 4, Public School Students, 1992 and 1994 96

Library Use 98

Table 43 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Sending Students to the Library: Grade 4, Public School Students, 1992 and 1994 98

Table 44 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Assigning Books from the Library: Grade 4, Public School Students, 1992 and 1994 100

Assessing Student Progress in Reading 102

Table 45 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Multiple-Choice Tests Are Used to Assess Student Progress in Reading: Grade 4, Public School Students, 1992 and 1994 102

Table 46 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Students Write Paragraphs About What They Have Read to Assess Student Progress in Reading: Grade 4, Public School Students, 1994 104

Table 47 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which Portfolios Are Used to Assess Student Progress in Reading: Grade 4, Public School Students, 1992 and 1994 105

Use of Additional Resources to Teach Reading 107

Table 48 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which They Use Children's Newspapers and/or Magazines to Teach Reading: Grade 4, Public School Students, 1992 and 1994 107

Table 49 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which They Use Reading Kits to Teach Reading: Grade 4, Public School Students, 1992 and 1994 109

Table 50 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Frequency with Which They Use Computer Software to Teach Reading: Grade 4, Public School Students, 1992 and 1994 111

Table 51 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which They Use a Variety of Books (e.g., Novels, Collections of Poetry, Nonfiction) to Teach Reading: Grade 4, Public School Students, 1992 and 1994 . . . 113

Table 52 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Frequency with Which They Use Materials from Other Subject Areas to Teach Reading: Grade 4, Public School Students, 1992 and 1994 115

CHAPTER 5: Characteristics of Fourth-Grade Reading Teachers 117

Overview 117

Table 53 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Their Highest Academic Degree: Grade 4, Public School Students, 1994 118

Table 54 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Their Type of Teaching Certification: Grade 4, Public School Students, 1994 119

Table 55 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Their Undergraduate Major: Grade 4, Public School Students, 1994 120

Table 56 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Their Graduate Major: Grade 4, Public School Students, 1994 121

Table 57 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Number of Years of Teaching Experience at the Elementary or Secondary School Level: Grade 4, Public School Students, 1992 and 1994 122

Table 58 Percentage of Students and Average Reading Proficiency by Teachers' Reports on the Time Spent on Staff Development Workshops and Seminars: Grade 4, Public School Students, 1992 and 1994 124

Table 59 Percentage of Students and Average Reading Proficiency by Teachers' Reports on Their Training in Specific Reading Areas: Grade 4, Public School Students, 1992 and 1994 126

CHAPTER 6: Characteristics and Reading Behavior of Fourth-Grade Students 131

Overview 131

Table 60 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency of Reading for Fun on Their Own Time : Grade 4, Public School Students, 1992 and 1994 132

Table 61 Percentage of Students and Average Reading Proficiency by Students' Reports on the Number of Books Read Outside of School in the Past Month: Grade 4, Public School Students, 1992 and 1994 134

Table 62 Percentage of Students and Average Reading Proficiency by Students' Reports on Taking Books Out of the School or Public Library for Their Own Enjoyment: Grade 4, Public School Students, 1992 and 1994 136

Table 63 Percentage of Students and Average Reading Proficiency by Students' Reports on Types of Reading Materials in Their Homes: Grade 4, Public School Students, 1992 and 1994 138

Table 64 Percentage of Students and Average Reading Proficiency by Students' Reports on the Frequency of Discussing Reading with Friends and Family: Grade 4, Public School Students, 1992 and 1994 140

Table 65 Percentage of Students and Average Reading Proficiency by Students' Reports on the Amount of Time Spent Watching Television Each Day: Grade 4, Public School Students, 1992 and 1994 142

APPENDIX A: Summary of Participation Rates 145

APPENDIX B: Reporting Subgroup(s) Definitions 155

APPENDIX C: Drawing Inferences from the Results 157

APPENDIX D: Revisions to the 1992 and 1994 Findings 159

INTRODUCTION

The National Assessment of Educational Progress (NAEP) is a congressionally mandated project of the National Center for Education Statistics (NCES) that has, for 25 years, continually collected and reported information on what American students know and can do. It is the nation's only ongoing, comparable, and representative assessment of student achievement. Its assessments are based on a national probability sample of public and nonpublic school students enrolled in grades 4, 8, or 12. The assessment questions are written around a framework prepared for each content area — reading, writing, mathematics, science and others — that represents the consensus of groups of curriculum experts, educators, and members of the general public on what should be covered in such a test.

In response to legislation passed by Congress in 1988, the NAEP program includes voluntary state-by-state assessments. The state assessment program was initiated in 1990 on a trial basis with the assessment of mathematics achievement of eighth-grade students in public schools. The 1992 Trial State Assessment was expanded to assess public school students in fourth- and eighth-grade mathematics and fourth-grade reading. The 1994 Trial State Assessment Program comprised of a state-by-state reading assessment of fourth-grade students enrolled in both public and nonpublic schools. Forty-four jurisdictions participated in the voluntary program.

To help ensure valid state-by-state results, the 1994 Trial State Assessment Program established a number of school and student participation rate standards that jurisdictions were required to meet (see Appendix A for details). Two states, Idaho and Michigan, did not meet the minimum school participation guidelines for public schools; therefore, their public school results are not presented in this report. Several other states failed to meet more stringent participation rate standards; results for these jurisdictions are included in the report but are properly noted in the relevant tables and appendices. In accordance with the legislation providing for participants to review and give permission for the release of their results, the District of Columbia chose not to release its results and therefore their results are not contained in this report. In 1994, the Department of Defense Education Activity (DoDEA) Overseas Schools are reported as a separate jurisdiction, though not included in the national or regional estimates. All of the nondomestic DoDEA schools were classified as public schools.

The participants included:

Alabama
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Idaho
Indiana
Iowa
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Pennsylvania
Rhode Island
South Carolina
Tennessee
Texas
Utah
Virginia
Washington
West Virginia
Wisconsin
Wyoming

DoDEA
Guam

This compendium presents fourth-grade cross-state results of the NAEP 1994 Trial State Assessment in reading - no interpretations of the data are made in this document. It contains tables of cross-state information for the variables discussed in the *NAEP 1994 Reading Report Card for the Nation and States* and the *NAEP 1994 Reading State Report* and should be used as a companion document to these reports. The results for the nation and the regions of the country are based on the nationally and regionally representative samples of public and nonpublic school students who were assessed as part of the national NAEP program. Using the regional and national results from the 1994 national NAEP program is necessary because of the voluntary nature of the Trial State Assessment Program. Since not every state participated in the program, the aggregated data across states did not necessarily provide representative national and regional results. Specific details on the samples and analysis procedures used can be found in the *Technical Report of the 1994 NAEP Trial State Assessment Program in Reading.*[1]

Trend results from a comparable assessment conducted in 1992 are available for the nation and states and territories that participated in both the 1992 and 1994 Trial State Assessment Programs at grade 4 and met established participation guidelines (see Appendix A). It is important to note that for a few background questions trends cannot be reported due to substantial changes in item format or wording. For example, trends cannot be reported for the racial/ethnic categories of Asian and Pacific Islander because in 1994 they were presented as mutually exclusive subgroups and, in 1992, they were combined into a single response option.

Chapter 1 presents the results for the nation, the four regions, and the participating jurisdictions in the context of the overall average reading proficiency, reading proficiency by the two purposes of reading, and the NAEP reading achievement levels. Chapter 2 presents similar information for selected subpopulations. The subpopulations are classified by race/ethnicity, gender, type of location, parents' education level, Title 1 participation, and type of school.

---

[1] *Technical Report of the NAEP 1994 Trial State Assessment Program in Reading.* (Washington, DC: National Center for Education Statistics, 1995).

Chapters 3 through 6 contain results by background information collected from the student, teacher and school characteristic and policies questionnaires. In particular, school and classroom characteristics and methods of reading instruction are examined in Chapters 3 and 4; Chapter 5 contains teachers' reports on their professional development; and Chapter 6 deals with students' reports of their independent reading behaviors.

How to Read the Tables in This Report

The abbreviation *PROF* found in the column heading of the tables denotes average overall reading proficiency with the exception of Table 1 where it denotes the proficiency score for the indicated percentile. The standard error of the percentages and proficiencies appears in parentheses and is abbreviated *SE*.

The national and regional results presented in this report are based on nationally representative probability samples of fourth-grade students. The sample was selected using a complex multistage sampling design involving the sampling of students from selected schools within selected geographic areas across the country. The results of the 1994 Trial State Assessment Program provided in the report are based on state-level samples of fourth-grade, public school students. The samples were selected based on a two-stage sample design — selection of schools within participating states and selection of students within schools. The first-stage samples of schools were selected with probability proportional to the fourth-grade enrollment in the schools. Special procedures were used for states with many small schools, and for jurisdictions having a small number of schools. Using the regional and national results from the 1994 national NAEP program is necessary because of the voluntary nature of the Trial State Assessment Program. Since not every state participated in the program, the aggregated data across states did not necessarily provide representative national and regional results.

Cautions in Interpretations

The reader is cautioned against making simple or causal inferences related to subgroup membership, effectiveness of public and nonpublic schools, and state educational systems. For example, differences observed among racial/ethnic subgroups can almost certainly be associated with a broad range of socioeconomic and educational factors not discussed in this report and possibly not addressed by the NAEP assessment program. Similarly, differences between public and nonpublic schools may be better understood after accounting for factors such as composition of the student body, parents' education levels, and parental interest. Finally, differences in reading performance among states most likely reflect an interaction between the effectiveness of the educational programs within the state and the challenges posed by economic constraints and student demographic demands.

Chapter 1: Proficiency and Achievement Levels for the Nation and the States

Overview

Chapter 1 contains the average overall reading performance results for the nation, each of the four regions, and each jurisdiction that participated in the 1992 and 1994 Trial State Assessments in reading.

Table 1 provides overall average proficiency and proficiency scores for selected percentiles.

Table 2 represents the results by the purposes for reading. In accordance with the reading framework underlying the assessments,[2] two purposes for reading were assessed at grade 4: *reading to gain literary experience* and *reading to gain information*. Reading for literary experience entails the reading of various literary texts to enlarge our experience of human events and emotions, and to enhance both our appreciation of the world and how it is depicted through language. Literary texts used in the NAEP reading assessment included adventure stories, poetry, science fiction, and tales. When reading to gain information, readers are usually focused on a specific topic or point of reference. They are trying to understand and retain the text information. Informative texts used in the NAEP reading assessment included science articles, primary and secondary historical sources, sections of textbook chapters, essays, and a speech.

Table 3 presents the achievement level results that describe what students participating in the NAEP assessment *should* know and be able to do. The National Assessment Governing Board (NAGB) adopted three achievement levels — *Basic, Proficient* and *Advanced* levels. The *Basic* level denotes partial mastery of fundamental knowledge and skills. The *Proficient* level defines solid academic performance that demonstrates competency in challenging subject matter and the *Advanced* level signifies superior performance. The 1994 fourth-grade reading cut scores are 212 for *Basic*, 243 for *Proficient*, and 275 for *Advanced*.[3]

---

[2] For a full description of the framework underlying NAEP's 1992 and 1994 reading assessments, see the *Reading Framework for the 1992 and 1994 National Assessment of Educational Progress*.

[3] For a full description of NAEP's achievement levels for the 1992 reading assessment, see the *NAEP 1992 Reading Report Card for the Nation and the States*. See the *NAEP 1994 Reading Report Card for the Nation and the States* or the *1994 NAEP Reading: A First Look* for descriptions of the 1994 achievement levels. Or for a more detailed description see the *Technical Report of the NAEP 1994 Trial State Assessment Program in Reading*.

The achievement levels are based on collective judgments, gathered from a broadly representative panel of teachers, education specialists, and members of the general public, about what students should know and be able to do relative to a body of content reflected in the NAEP assessment framework. For reporting purposes, the achievement level cut scores are placed on the traditional NAEP scale resulting in four ranges: *Basic*, *Proficient*, *Advanced*, and the region below *Basic*. The definitions of the three achievement levels are presented below.

Policy Definitions for Fourth Grade Achievement Levels	
Basic	This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at that grade.
Proficient	This level represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real world situations, and analytical skills appropriate to the subject matter.
Advanced	This level signifies superior performance.

TABLE 1

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Average Reading Proficiency and Selected Percentiles**

1992 NAEP grade 4 public school student reading performance...	**Average Reading Proficiency**	**10th Percentile**	**25th Percentile**	**50th Percentile**	**75th Percentile**	**90th Percentile**
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation						
Nation	215 (1.0)	168 (1.9)	192 (1.0)	217 (1.7)	240 (1.3)	259 (2.3)
Northeast	220 (3.9)	173 (5.7)	196 (5.7)	222 (5.0)	246 (3.9)	266 (6.9)
Southeast	211 (2.5)	163 (3.5)	187 (3.5)	213 (3.6)	235 (2.7)	254 (4.1)
Central	218 (1.5)	172 (3.7)	196 (2.4)	221 (1.9)	241 (2.5)	260 (3.7)
West	212 (1.6)	163 (3.4)	189 (2.2)	214 (1.9)	237 (1.8)	257 (1.7)
States						
Alabama	207 (1.7)	160 (1.8)	184 (2.5)	209 (1.5)	232 (1.8)	252 (1.2)
Arizona	209 (1.2)	164 (2.0)	187 (2.0)	212 (1.4)	234 (1.1)	252 (1.5)
Arkansas	211 (1.2)	165 (2.0)	188 (1.4)	213 (1.5)	236 (1.1)	254 (1.6)
California	202 (2.0)	148 (3.1)	176 (2.8)	205 (2.1)	231 (2.4)	252 (2.6)
Colorado	217 (1.1)	175 (2.1)	197 (1.6)	219 (1.2)	238 (1.3)	255 (1.0)
Connecticut	222 (1.3)	177 (3.0)	201 (2.4)	225 (1.2)	245 (1.2)	262 (1.7)
Delaware†	213 (0.6)	167 (2.2)	190 (1.2)	214 (1.2)	237 (1.0)	257 (1.4)
Florida	208 (1.2)	161 (3.5)	185 (1.6)	210 (1.4)	234 (1.3)	252 (1.6)
Georgia	212 (1.5)	164 (2.1)	188 (2.3)	214 (1.5)	238 (1.7)	257 (2.1)
Hawaii	203 (1.7)	155 (1.7)	180 (2.5)	206 (1.3)	229 (1.9)	248 (1.8)
Indiana	221 (1.3)	180 (2.4)	201 (1.7)	223 (1.2)	243 (1.1)	260 (1.5)
Iowa	225 (1.1)	185 (1.6)	206 (1.2)	228 (0.9)	247 (1.3)	263 (1.1)
Kentucky	213 (1.3)	168 (3.2)	191 (2.0)	215 (1.4)	236 (1.7)	253 (1.5)
Louisiana	204 (1.2)	161 (2.5)	181 (2.2)	204 (1.2)	227 (1.3)	245 (1.5)
Maine†	227 (1.1)	190 (2.1)	208 (1.1)	228 (1.1)	246 (1.1)	262 (1.9)
Maryland	211 (1.6)	162 (2.8)	188 (2.7)	214 (1.4)	237 (1.4)	255 (1.3)
Massachusetts	226 (0.9)	188 (1.7)	207 (1.6)	228 (1.3)	247 (0.9)	263 (2.2)
Minnesota	221 (1.2)	179 (2.0)	200 (1.4)	223 (1.6)	243 (0.8)	260 (1.0)
Mississippi	199 (1.3)	153 (2.1)	176 (1.6)	200 (1.6)	224 (1.6)	244 (1.5)
Missouri	220 (1.2)	178 (1.9)	200 (1.3)	222 (1.7)	242 (1.7)	259 (1.2)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	221 (1.1)	180 (1.7)	202 (1.6)	223 (1.1)	243 (1.5)	259 (1.0)
New Hampshire†	228 (1.2)	189 (1.9)	209 (2.1)	229 (1.3)	248 (1.2)	264 (1.9)
New Jersey†	223 (1.4)	179 (3.1)	202 (1.7)	225 (1.7)	247 (1.6)	264 (1.7)
New Mexico	211 (1.5)	166 (2.8)	188 (1.4)	212 (1.3)	235 (2.2)	254 (2.1)
New York†	215 (1.4)	167 (2.5)	194 (2.4)	218 (1.3)	240 (1.1)	257 (1.5)
North Carolina	212 (1.1)	163 (2.1)	187 (1.2)	214 (1.4)	238 (1.6)	258 (2.1)
North Dakota	226 (1.1)	188 (2.7)	207 (2.0)	227 (1.6)	246 (1.3)	261 (2.0)
Pennsylvania	221 (1.3)	177 (2.2)	200 (1.4)	223 (1.7)	244 (1.7)	261 (1.3)
Rhode Island	217 (1.8)	172 (3.9)	195 (4.0)	219 (1.8)	240 (1.7)	258 (1.6)
South Carolina	210 (1.3)	165 (1.8)	187 (1.7)	210 (1.5)	234 (1.3)	254 (2.0)
Tennessee	212 (1.4)	169 (1.3)	190 (1.9)	214 (1.4)	236 (1.9)	254 (1.5)
Texas	213 (1.6)	168 (2.5)	190 (1.8)	214 (1.7)	236 (2.2)	255 (2.0)
Utah	220 (1.1)	180 (2.2)	200 (1.7)	223 (1.2)	242 (0.9)	258 (1.2)
Virginia	221 (1.4)	177 (2.6)	200 (1.8)	223 (1.6)	244 (1.3)	261 (1.9)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	216 (1.3)	172 (2.2)	195 (1.7)	217 (1.5)	238 (1.3)	257 (1.6)
Wisconsin	224 (1.0)	184 (2.0)	204 (1.2)	225 (1.1)	245 (0.8)	261 (0.9)
Wyoming	223 (1.1)	183 (2.5)	204 (1.5)	225 (1.0)	244 (1.5)	260 (0.9)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	182 (1.4)	128 (2.4)	155 (3.0)	185 (1.6)	211 (1.3)	233 (2.0)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 1

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Average Reading Proficiency and Selected Percentiles

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

1994 NAEP grade 4 public school student reading performance...	Average Reading Proficiency	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation						
Nation	212 (1.1)	156 (2.1)<	187 (1.5)<	217 (1.2)	241 (1.2)	261 (1.5)
Northeast	212 (2.2)	154 (4.8)	186 (3.6)	217 (2.3)	242 (2.8)	261 (2.4)
Southeast	208 (2.0)	154 (3.4)	181 (3.0)	211 (2.8)	236 (2.9)	257 (1.9)
Central	218 (2.7)	166 (4.6)	195 (3.9)	223 (3.3)	245 (2.7)	264 (2.9)
West	212 (2.2)	153 (4.0)	185 (3.0)	217 (2.8)	242 (1.8)	262 (2.5)
States						
Alabama	208 (1.5)	155 (2.8)	182 (1.8)	210 (2.3)	236 (2.3)	257 (1.8)
Arizona	206 (1.9)	148 (2.5)<<	179 (2.7)	210 (2.1)	237 (1.8)	259 (2.0)>
Arkansas	209 (1.7)	156 (2.8)<	184 (2.8)	212 (1.9)	237 (1.2)	256 (1.6)
California	197 (1.8)<	137 (2.7)<	168 (3.4)	201 (2.2)	229 (1.5)	250 (1.5)
Colorado	213 (1.3)	162 (3.2)<	190 (1.5)<	217 (1.4)	241 (1.5)	260 (1.3)>
Connecticut	222 (1.6)	170 (4.2)	199 (2.6)	227 (1.3)	250 (1.6)	269 (1.5)>
Delaware	206 (1.1)<<	151 (3.0)<<	181 (2.0)<<	211 (1.4)	235 (0.9)	257 (1.2)
Florida	205 (1.7)	148 (2.2)<	178 (2.0)<	208 (1.6)	235 (2.1)	257 (2.0)
Georgia	207 (2.4)	148 (3.9)<	179 (2.6)<	210 (3.1)	239 (2.0)	260 (2.3)
Hawaii	201 (1.7)	144 (3.4)<	174 (2.0)	204 (2.1)	231 (1.6)	253 (1.5)
Indiana	220 (1.3)	173 (1.5)<	197 (1.9)	223 (1.4)	245 (1.8)	263 (1.5)
Iowa	223 (1.3)	177 (2.7)	201 (1.6)	225 (1.7)	247 (1.7)	265 (2.2)
Kentucky	212 (1.6)	161 (3.2)	187 (1.9)	214 (1.4)	238 (1.9)	259 (2.2)
Louisiana	197 (1.3)<<	146 (2.8)<<	171 (1.9)<<	198 (1.8)<	224 (1.6)	246 (2.6)
Maine	228 (1.3)	185 (2.2)	208 (1.7)	231 (1.1)	251 (1.4)	268 (1.4)>
Maryland	210 (1.5)	155 (1.8)	184 (1.8)	214 (1.9)	239 (1.3)	260 (1.5)
Massachusetts	223 (1.3)	177 (2.3)<<	202 (3.0)	226 (1.6)	248 (1.6)	265 (2.1)
Minnesota	218 (1.4)	167 (3.1)<	196 (1.2)<	223 (1.3)	245 (1.3)	263 (1.1)
Mississippi	202 (1.6)	149 (3.5)	175 (2.3)	203 (1.8)	229 (2.3)	251 (1.7)>
Missouri	217 (1.5)	167 (2.5)<	193 (2.3)	220 (1.9)	244 (1.0)	263 (1.8)
Montana†	222 (1.4)	178 (3.3)	202 (1.9)	225 (1.4)	246 (1.0)	263 (1.1)
Nebraska†	220 (1.5)	170 (1.6)<<	197 (1.9)	224 (1.8)	247 (1.9)	265 (1.3)>
New Hampshire†	223 (1.5)<	178 (3.0)<	203 (1.5)	227 (1.5)	247 (1.5)	265 (1.3)
New Jersey	219 (1.2)	169 (2.2)<	196 (1.6)	223 (1.0)	246 (1.4)	265 (1.9)
New Mexico	205 (1.7)<	151 (4.3)<	179 (2.5)<	207 (1.6)	233 (1.0)	254 (2.6)
New York	212 (1.4)	156 (4.2)	187 (1.9)	215 (1.3)	240 (1.8)	260 (2.0)
North Carolina	214 (1.5)	162 (2.2)	188 (1.9)	217 (1.5)	243 (1.3)>	263 (1.7)
North Dakota	225 (1.2)	181 (1.7)	205 (1.4)	228 (1.1)	248 (1.2)	265 (1.6)
Pennsylvania†	215 (1.6)<	163 (3.4)<	192 (1.8)<	220 (2.1)	243 (1.6)	262 (2.1)
Rhode Island†	220 (1.3)	173 (1.8)	198 (1.6)	223 (1.4)	245 (2.5)	264 (2.8)
South Carolina	203 (1.4)<<	152 (1.8)<<	177 (1.9)<<	206 (1.5)	232 (1.2)	253 (1.4)
Tennessee†	213 (1.7)	161 (5.0)	188 (2.4)	215 (2.0)	240 (1.3)	259 (2.3)
Texas	212 (1.9)	161 (2.7)	189 (3.5)	215 (2.3)	239 (1.8)	260 (1.7)
Utah	217 (1.3)	170 (1.9)<	196 (1.4)	221 (1.0)	243 (1.3)	260 (1.5)
Virginia	213 (1.5)<<	163 (3.6)<	189 (2.0)<<	215 (2.0)<	240 (2.8)	261 (2.2)
Washington	213 (1.5)	161 (2.7)	189 (1.8)	216 (1.3)	240 (1.2)	259 (2.3)
West Virginia	213 (1.1)	164 (2.0)<	190 (1.2)	215 (1.0)	239 (1.5)	259 (1.4)
Wisconsin†	224 (1.1)	183 (2.0)	204 (1.4)	226 (1.4)	246 (1.7)	263 (1.3)
Wyoming	221 (1.2)	179 (2.0)	201 (2.1)	224 (1.6)	244 (1.2)	260 (1.5)
Other Jurisdictions						
DoDEA Overseas	218 (0.9)	174 (1.3)	196 (1.4)	219 (0.9)	241 (1.2)	259 (1.7)
Guam	181 (1.2)	126 (1.3)	154 (1.8)	183 (1.6)	211 (1.4)	234 (1.2)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 2

1992 and 1994 READING ASSESSMENT

POPULATIONS: **1992 and 1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

NAEP assessment year...	1992		1994	
Purpose for Reading...	**Reading for Literary Experience**	**Reading to Gain Information**	**Reading for Literary Experience**	**Reading to Gain Information**
JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation				
Nation	217 (1.0)	212 (1.2)	214 (1.2)	210 (1.2)
Northeast	223 (3.4)	217 (4.7)	214 (2.2)	209 (2.5)
Southeast	212 (2.4)	208 (2.7)	210 (2.3)	205 (2.0)
Central	219 (1.7)	216 (1.7)	221 (2.8)	215 (2.9)
West	216 (1.7)	207 (2.0)	213 (2.4)	210 (2.2)
States				
Alabama	210 (1.8)	204 (1.8)	210 (1.4)	205 (1.9)
Arizona	212 (1.2)	206 (1.5)	210 (1.8)	202 (2.1)
Arkansas	212 (1.3)	209 (1.4)	211 (1.8)	206 (2.1)
California	206 (2.1)	198 (2.2)	200 (1.8)	193 (2.3)
Colorado	220 (1.2)	212 (1.4)	217 (1.3)	209 (1.5)
Connecticut	224 (1.4)	218 (1.6)	224 (1.7)	221 (2.0)
Delaware†	213 (0.6)	212 (0.8)	210 (1.4)<	202 (1.1)<<
Florida	211 (1.2)	205 (1.5)	207 (2.0)	202 (1.8)
Georgia	215 (1.6)	209 (1.5)	208 (2.4)<	206 (2.5)
Hawaii	206 (1.7)	200 (1.9)	203 (1.7)	198 (1.9)
Indiana	224 (1.3)	218 (1.4)	221 (1.5)	218 (1.5)
Iowa	227 (1.1)	224 (1.5)	225 (1.4)	221 (1.5)
Kentucky	215 (1.3)	209 (1.4)	213 (1.6)	210 (1.8)
Louisiana	207 (1.3)	199 (1.3)	198 (1.5)<<	195 (1.5)<
Maine†	228 (1.2)	225 (1.3)	231 (1.4)	226 (1.5)
Maryland	214 (1.8)	207 (1.6)	212 (1.5)	206 (1.8)
Massachusetts	228 (1.2)	223 (1.1)	225 (1.4)	221 (1.5)
Minnesota	222 (1.4)	219 (1.3)	220 (1.5)	216 (1.6)
Mississippi	201 (1.5)	197 (1.3)	203 (1.9)	200 (1.7)
Missouri	222 (1.2)	218 (1.5)	219 (1.5)	215 (1.7)
Montana†	--- (---)	--- (---)	225 (1.6)	220 (1.4)
Nebraska†	224 (1.2)	218 (1.4)	222 (1.6)	218 (1.5)
New Hampshire†	230 (1.2)	225 (1.4)	226 (1.6)	220 (1.9)
New Jersey†	225 (1.4)	221 (1.7)	222 (1.4)	217 (1.5)
New Mexico	213 (1.8)	208 (1.6)	208 (1.8)	200 (1.9)<
New York†	217 (1.3)	211 (1.9)	214 (1.6)	208 (1.6)
North Carolina	214 (1.2)	209 (1.3)	216 (1.6)	212 (1.6)
North Dakota	228 (1.2)	222 (1.4)	226 (1.5)	224 (1.4)
Pennsylvania†	223 (1.3)	218 (1.5)	217 (1.6)<	213 (1.8)
Rhode Island†	219 (1.7)	213 (2.0)	221 (1.4)	218 (1.7)
South Carolina	214 (1.4)	205 (1.6)	205 (1.5)<<	201 (1.5)
Tennessee†	215 (1.5)	209 (1.7)	214 (1.7)	211 (2.0)
Texas	215 (1.5)	209 (1.8)	214 (2.1)	210 (1.9)
Utah	223 (1.2)	218 (1.2)	222 (1.4)	212 (1.6)<
Virginia	223 (1.5)	218 (1.4)	216 (1.6)<<	211 (1.6)<
Washington	--- (---)	--- (---)	216 (1.5)	209 (1.7)
West Virginia	218 (1.3)	213 (1.5)	215 (1.1)	210 (1.3)
Wisconsin†	226 (1.1)	221 (1.0)	225 (1.3)	223 (1.4)
Wyoming	227 (1.1)	218 (1.4)	224 (1.2)	218 (1.4)
Other Jurisdictions				
DoDEA Overseas	--- (---)	--- (---)	220 (0.9)	215 (1.0)
Guam	187 (1.6)	176 (1.3)	184 (1.3)	177 (1.2)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 3 — 1992 READING ASSESSMENT

POPULATION: 1992 Grade 4 Public School Students
REPORTED STATISTICS: Average Reading Proficiency and Percentage of Students by Achievement Levels

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

1992 NAEP grade 4 public school student reading performance...	Average Reading Proficiency	At or Above Advanced Achievement Level	At or Above Proficient Achievement Level	At or Above Basic Achievement Level	Below Basic Achievement Level
1992 JURISDICTIONS	PROF (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	215 (1.0)	6 (0.6)	27 (1.3)	60 (1.1)	40 (1.1)
Northeast	220 (3.9)	9 (2.6)	32 (4.7)	65 (3.9)	35 (3.9)
Southeast	211 (2.5)	4 (0.8)	22 (2.6)	55 (3.5)	45 (3.5)
Central	218 (1.5)	6 (1.2)	29 (2.4)	65 (1.9)	35 (1.9)
West	212 (1.6)	5 (0.7)	24 (1.8)	56 (1.9)	44 (1.9)
States					
Alabama	207 (1.7)	3 (0.4)	20 (1.5)	51 (2.1)	49 (2.1)
Arizona	209 (1.2)	3 (0.4)	21 (1.2)	54 (1.8)	46 (1.8)
Arkansas	211 (1.2)	4 (0.6)	23 (1.2)	56 (1.5)	44 (1.5)
California	202 (2.0)	4 (0.7)	19 (1.7)	48 (2.2)	52 (2.2)
Colorado	217 (1.1)	4 (0.6)	25 (1.4)	64 (1.6)	36 (1.6)
Connecticut	222 (1.3)	6 (1.0)	34 (1.4)	69 (1.7)	31 (1.7)
Delaware†	213 (0.6)	5 (0.5)	24 (1.1)	57 (1.2)	43 (1.2)
Florida	208 (1.2)	3 (0.4)	21 (1.1)	53 (1.6)	47 (1.6)
Georgia	212 (1.5)	5 (0.8)	25 (1.5)	57 (1.7)	43 (1.7)
Hawaii	203 (1.7)	3 (0.5)	17 (1.5)	48 (1.9)	52 (1.9)
Indiana	221 (1.3)	6 (0.9)	30 (1.5)	68 (1.6)	32 (1.6)
Iowa	225 (1.1)	7 (0.7)	36 (1.6)	73 (1.4)	27 (1.4)
Kentucky	213 (1.3)	3 (0.5)	23 (1.6)	58 (1.7)	42 (1.7)
Louisiana	204 (1.2)	2 (0.4)	15 (1.1)	46 (1.6)	54 (1.6)
Maine†	227 (1.1)	6 (0.8)	36 (1.7)	75 (1.4)	25 (1.4)
Maryland	211 (1.6)	4 (0.6)	24 (1.2)	57 (1.8)	43 (1.8)
Massachusetts	226 (0.9)	7 (0.8)	36 (1.5)	74 (1.3)	26 (1.3)
Minnesota	221 (1.2)	6 (0.7)	31 (1.5)	68 (1.7)	32 (1.7)
Mississippi	199 (1.3)	2 (0.4)	14 (0.9)	41 (1.7)	59 (1.7)
Missouri	220 (1.2)	6 (0.7)	30 (1.5)	67 (1.5)	33 (1.5)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	221 (1.1)	6 (0.7)	31 (1.5)	68 (1.5)	32 (1.5)
New Hampshire†	228 (1.2)	8 (1.1)	38 (1.6)	76 (1.8)	24 (1.8)
New Jersey†	223 (1.4)	8 (1.0)	35 (1.8)	69 (1.8)	31 (1.8)
New Mexico	211 (1.5)	4 (0.7)	23 (1.7)	55 (1.7)	45 (1.7)
New York†	215 (1.4)	5 (0.6)	27 (1.3)	61 (1.4)	39 (1.4)
North Carolina	212 (1.1)	5 (0.7)	25 (1.3)	56 (1.4)	44 (1.4)
North Dakota	226 (1.1)	6 (0.8)	35 (1.5)	74 (1.8)	26 (1.8)
Pennsylvania	221 (1.3)	6 (0.8)	32 (1.7)	68 (1.7)	32 (1.7)
Rhode Island	217 (1.8)	5 (0.7)	28 (1.7)	63 (2.2)	37 (2.2)
South Carolina	210 (1.3)	4 (0.7)	22 (1.4)	53 (1.9)	47 (1.9)
Tennessee	212 (1.4)	4 (0.7)	23 (1.5)	57 (1.7)	43 (1.7)
Texas	213 (1.6)	4 (0.7)	24 (1.8)	57 (2.0)	43 (2.0)
Utah	220 (1.1)	5 (0.6)	30 (1.6)	67 (1.6)	33 (1.6)
Virginia	221 (1.4)	6 (1.0)	31 (1.6)	67 (1.8)	33 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	216 (1.3)	5 (0.7)	25 (1.4)	61 (1.4)	39 (1.4)
Wisconsin	224 (1.0)	6 (0.6)	33 (1.3)	71 (1.3)	29 (1.3)
Wyoming	223 (1.1)	5 (0.6)	33 (1.5)	71 (1.6)	29 (1.6)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	182 (1.4)	1 (0.3)	8 (0.8)	28 (1.2)	72 (1.2)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 3

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Average Reading Proficiency and Percentage of Students by Achievement Levels**

1994 NAEP grade 4 public school student reading performance...	Average Reading Proficiency	At or Above Advanced Achievement Level	At or Above Proficient Achievement Level	At or Above Basic Achievement Level	Below Basic Achievement Level
1994 JURISDICTIONS	PROF (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	212 (1.1)	7 (0.7)	28 (1.2)	59 (1.1)	41 (1.1)
Northeast	212 (2.2)	7 (1.5)	28 (2.6)	58 (2.3)	42 (2.3)
Southeast	208 (2.0)	6 (0.6)	23 (2.1)	53 (2.4)	47 (2.4)
Central	218 (2.7)	7 (1.4)	33 (2.8)	65 (3.0)	35 (3.0)
West	212 (2.2)	7 (0.8)	28 (2.0)	59 (2.2)	41 (2.2)
States					
Alabama	208 (1.5)	5 (0.7)	23 (1.3)	52 (1.6)	48 (1.6)
Arizona	206 (1.9)	6 (0.8)>	24 (1.5)	52 (1.9)	48 (1.9)
Arkansas	209 (1.7)	5 (0.6)	24 (1.4)	54 (1.8)	46 (1.8)
California	197 (1.8)<	3 (0.5)	18 (1.3)	44 (2.0)	56 (2.0)
Colorado	213 (1.3)	6 (0.7)	28 (1.5)	59 (1.4)	41 (1.4)
Connecticut	222 (1.6)	11 (1.1)>	38 (1.6)	68 (1.7)	32 (1.7)
Delaware	206 (1.1)<<	5 (0.8)	23 (1.1)	52 (1.3)<	48 (1.3)>
Florida	205 (1.7)	5 (0.6)>	23 (1.5)	50 (1.8)	50 (1.8)
Georgia	207 (2.4)	7 (1.0)	26 (2.0)	52 (2.3)	48 (2.3)
Hawaii	201 (1.7)	4 (0.5)	19 (1.4)	46 (1.8)	54 (1.8)
Indiana	220 (1.3)	7 (0.8)	33 (1.5)	66 (1.6)	34 (1.6)
Iowa	223 (1.3)	8 (1.0)	35 (1.5)	69 (1.6)	31 (1.6)
Kentucky	212 (1.6)	6 (0.8)>	26 (1.9)	56 (1.6)	44 (1.6)
Louisiana	197 (1.3)<<	2 (0.5)	15 (1.2)	40 (1.5)<	60 (1.5)>
Maine	228 (1.3)	10 (1.0)>	41 (1.5)	75 (1.6)	25 (1.6)
Maryland	210 (1.5)	7 (0.7)>	26 (1.4)	55 (1.6)	45 (1.6)
Massachusetts	223 (1.3)	8 (1.0)	36 (1.7)	69 (1.5)<	31 (1.5)>
Minnesota	218 (1.4)	7 (0.7)	33 (1.4)	65 (1.5)	35 (1.5)
Mississippi	202 (1.6)	4 (0.6)>	18 (1.3)>	45 (1.7)	55 (1.7)
Missouri	217 (1.5)	7 (0.9)	31 (1.6)	62 (1.8)	38 (1.8)
Montana†	222 (1.4)	7 (0.7)	35 (1.5)	69 (1.7)	31 (1.7)
Nebraska†	220 (1.5)	8 (0.9)	34 (1.8)	66 (1.6)	34 (1.6)
New Hampshire†	223 (1.5)<	9 (1.0)	36 (1.6)	70 (1.9)	30 (1.9)
New Jersey	219 (1.2)	8 (0.8)	33 (1.6)	65 (1.5)	35 (1.5)
New Mexico	205 (1.7)<	4 (0.5)	21 (1.5)	49 (1.6)	51 (1.6)
New York	212 (1.4)	6 (0.8)	27 (1.5)	57 (1.7)	43 (1.7)
North Carolina	214 (1.5)	8 (0.8)	30 (1.7)	59 (1.5)	41 (1.5)
North Dakota	225 (1.2)	8 (0.8)	38 (1.5)	73 (1.4)	27 (1.4)
Pennsylvania†	215 (1.6)<	7 (0.8)	30 (1.3)	61 (1.6)<	39 (1.6)>
Rhode Island†	220 (1.3)	8 (1.0)	32 (1.4)	65 (1.6)	35 (1.6)
South Carolina	203 (1.4)<<	4 (0.6)	20 (1.3)	48 (1.5)	52 (1.5)
Tennessee†	213 (1.7)	6 (0.9)	27 (1.5)	58 (2.1)	42 (2.1)
Texas	212 (1.9)	6 (0.8)	26 (1.8)	58 (2.3)	42 (2.3)
Utah	217 (1.3)	6 (0.8)	30 (1.6)	64 (1.6)	36 (1.6)
Virginia	213 (1.5)<<	7 (0.7)	26 (1.7)	57 (1.8)<<	43 (1.8)>>
Washington	213 (1.5)	6 (0.7)	27 (1.2)	59 (1.6)	41 (1.6)
West Virginia	213 (1.1)	6 (0.6)	26 (1.4)	58 (1.4)	42 (1.4)
Wisconsin†	224 (1.1)	7 (0.7)	35 (1.6)	71 (1.6)	29 (1.6)
Wyoming	221 (1.2)	6 (0.6)	32 (1.4)	68 (1.7)	32 (1.7)
Other Jurisdictions					
DoDEA Overseas	218 (0.9)	6 (0.7)	28 (1.1)	63 (1.5)	37 (1.5)
Guam	181 (1.2)	1 (0.3)	8 (0.8)	27 (1.1)	73 (1.1)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

Chapter 2: Proficiency and Achievement Levels for Population Subgroups

Overview

Results for the nation and participating jurisdictions are provided in Chapter 2 for various demographic subpopulations, which include classifications by race/ethnicity, gender, type of location, and parents' education level. Descriptions of these reporting subgroups are presented in Appendix B. Results are also provided for Title 1 participation and for students attending nonpublic schools.[4]

The Title 1 legislation provides funds to state and local educational agencies to support projects aimed at assisting economically disadvantaged students. The 1994 NAEP assessment marks the first time this information was collected at the student level. Prior to 1994, principals and other school administrators were asked to report the percentage of students in their school who received Title 1 services. Therefore, no trend results are available.

Tables in this chapter are ordered according to the listing of the six demographic subpopulations in the preceding paragraph. Tables for race/ethnicity categories are presented first; tables for the nonpublic school students are presented last. There are between one and three tables for each of these demographic categories. The sets of three tables are like the tables in Chapter 1. The first table shows overall average proficiency for each subpopulation; the second table gives average proficiency scores for the two purposes for reading for each subpopulation; the third table represents achievement level data for each subpopulation.

---

[4] As a result of the Elementary and Secondary Education Act reauthorized by Congress in 1994, the federal program formerly referred to as Chapter 1 was renamed Title 1.

TABLE 4

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

BREAKDOWNS BY: **Race/Ethnicity***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Which best describes your race or your ethnic background?	**White**		**Black**		**Hispanic**		**American Indian**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	69 (0.5)	223 (1.3)	17 (0.4)	192 (1.6)	10 (0.3)	199 (2.2)	2 (0.3)	205 (4.9)
Northeast	68 (3.4)	229 (3.9)	20 (3.2)	197 (3.8)	9 (1.3)	200 (4.9)	1 (0.4)	*** (***)
Southeast	63 (2.7)	220 (3.4)	29 (2.6)	194 (2.4)	5 (1.1)	194 (5.0)!	1 (0.4)	*** (***)
Central	79 (1.5)	224 (1.8)	11 (1.3)	187 (3.3)	7 (1.0)	209 (4.7)	2 (0.4)	*** (***)
West	65 (2.1)	220 (1.7)	11 (1.6)	185 (4.4)	16 (1.9)	196 (2.7)	2 (0.6)	*** (***)
States								
Alabama	61 (2.4)	218 (1.5)	31 (2.2)	188 (2.2)	5 (0.7)	190 (3.7)	2 (0.7)	*** (***)
Arizona	56 (1.9)	220 (1.1)	4 (0.6)	200 (4.3)	29 (1.6)	198 (2.0)	10 (1.8)	185 (3.1)
Arkansas	70 (1.8)	219 (1.1)	21 (1.5)	190 (1.7)	7 (0.7)	188 (3.8)	2 (0.3)	206 (4.8)
California	46 (1.9)	218 (2.0)	7 (0.8)	184 (3.2)	35 (1.6)	183 (2.7)	2 (0.3)	*** (***)
Colorado	70 (1.3)	222 (1.1)	4 (0.9)	202 (3.4)!	21 (0.9)	202 (1.9)	2 (0.3)	203 (4.7)
Connecticut	73 (1.7)	230 (1.0)	11 (1.3)	196 (3.1)	13 (1.1)	193 (3.4)	1 (0.3)	*** (***)
Delaware†	64 (1.1)	222 (0.8)	25 (1.0)	195 (1.6)	8 (0.5)	188 (3.2)	2 (0.4)	*** (***)
Florida	57 (1.9)	219 (1.1)	21 (2.0)	186 (2.7)	18 (1.4)	201 (2.7)	2 (0.3)	*** (***)
Georgia	57 (1.9)	224 (1.4)	34 (1.8)	196 (2.2)	5 (0.5)	192 (4.8)	1 (0.2)	*** (***)
Hawaii	20 (1.5)	215 (2.7)	5 (0.6)	192 (4.6)	11 (0.9)	193 (2.8)	2 (0.3)	*** (***)
Indiana	82 (1.4)	225 (1.2)	11 (1.4)	200 (2.3)	5 (0.6)	211 (3.7)	1 (0.3)	*** (***)
Iowa	88 (0.9)	227 (1.0)	3 (0.6)	209 (3.1)	6 (0.5)	211 (3.1)	1 (0.3)	*** (***)
Kentucky	86 (1.1)	215 (1.2)	9 (1.0)	197 (3.3)	3 (0.4)	195 (5.1)	1 (0.2)	*** (***)
Louisiana	51 (1.9)	216 (1.2)	41 (1.9)	191 (1.5)	5 (0.5)	188 (4.4)	1 (0.3)	*** (***)
Maine†	92 (0.6)	228 (1.1)	0 (0.1)	*** (***)	4 (0.7)	209 (3.2)	2 (0.3)	*** (***)
Maryland	60 (1.7)	221 (1.5)	29 (1.3)	193 (2.6)	6 (0.6)	197 (3.0)	1 (0.3)	*** (***)
Massachusetts	81 (1.2)	231 (0.9)	7 (0.6)	205 (2.7)	7 (0.6)	201 (2.2)	1 (0.2)	*** (***)
Minnesota	87 (1.2)	224 (1.1)	3 (0.5)	191 (5.9)	6 (0.6)	203 (3.5)	2 (0.2)	*** (***)
Mississippi	41 (2.0)	217 (1.4)	52 (2.2)	186 (1.6)	5 (1.0)	185 (3.7)	1 (0.3)	*** (***)
Missouri	77 (1.7)	226 (1.1)	14 (1.7)	196 (3.1)	5 (0.7)	202 (3.2)	2 (0.3)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	83 (1.2)	225 (1.2)	6 (0.6)	197 (3.2)	8 (1.1)	205 (2.9)	2 (0.3)	*** (***)
New Hampshire†	90 (1.0)	229 (1.2)	1 (0.2)	*** (***)	5 (0.6)	215 (3.1)	2 (0.3)	*** (***)
New Jersey†	67 (2.2)	232 (1.4)	14 (1.6)	200 (2.7)	13 (1.4)	199 (2.8)	1 (0.2)	*** (***)
New Mexico	45 (2.0)	223 (1.8)	3 (0.4)	202 (5.6)	46 (1.7)	200 (1.5)	5 (1.2)	200 (3.8)!
New York†	61 (2.0)	226 (1.1)	14 (1.8)	202 (2.7)	20 (1.8)	187 (4.0)	2 (0.3)	*** (***)
North Carolina	63 (2.0)	221 (1.3)	28 (1.6)	194 (2.2)	5 (0.6)	192 (3.5)	3 (1.2)	204 (6.2)!
North Dakota	93 (1.1)	226 (1.1)	0 (0.1)	*** (***)	3 (0.5)	221 (4.8)	3 (0.8)	211 (4.7)!
Pennsylvania	79 (1.7)	227 (1.2)	11 (1.6)	190 (2.4)	8 (1.0)	200 (3.8)	1 (0.2)	*** (***)
Rhode Island	76 (2.2)	224 (1.3)	6 (1.0)	187 (3.7)	12 (1.3)	191 (4.3)	2 (0.3)	*** (***)
South Carolina	55 (1.9)	221 (1.4)	38 (2.0)	195 (1.6)	5 (0.7)	195 (2.4)	2 (0.3)	*** (***)
Tennessee	71 (1.8)	219 (1.3)	21 (1.6)	193 (2.2)	5 (0.7)	196 (4.4)	2 (0.3)	*** (***)
Texas	49 (2.1)	224 (2.1)	14 (1.7)	200 (2.5)	34 (2.3)	201 (1.8)	1 (0.2)	*** (***)
Utah	86 (1.1)	223 (1.0)	1 (0.1)	*** (***)	10 (0.9)	204 (2.3)	2 (0.5)	*** (***)
Virginia	67 (1.6)	228 (1.5)	24 (1.3)	203 (2.1)	5 (0.5)	202 (4.3)	2 (0.3)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	91 (0.7)	217 (1.2)	2 (0.4)	204 (6.4)	4 (0.5)	196 (6.9)	2 (0.3)	*** (***)
Wisconsin	83 (1.4)	227 (1.0)	6 (0.8)	200 (2.4)	8 (0.9)	210 (3.3)	2 (0.8)	206 (5.0)!
Wyoming	83 (1.3)	226 (1.1)	1 (0.1)	*** (***)	12 (0.9)	209 (2.5)	4 (0.9)	211 (4.6)!
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	12 (0.8)	195 (3.1)	4 (0.4)	166 (5.5)	18 (0.8)	165 (2.9)	1 (0.3)	*** (***)

(continued on next page)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented. Also, the percentages for race/ethnicity may not add to 100% because a small percentage of students categorized themselves as "other."

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 4

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Race/Ethnicity***

Which best describes your race or your ethnic background?	White		Black		Hispanic		American Indian	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	68 (0.5)	223 (1.3)	16 (0.4)	186 (1.7)<	12 (0.3)>	188 (2.7)<	2 (0.1)	200 (3.6)
Northeast	62 (2.4)	224 (2.5)	22 (2.5)	184 (2.1)<	10 (1.4)	191 (4.2)	1 (0.3)	*** (***)
Southeast	63 (3.6)	219 (2.4)	26 (2.9)	188 (2.5)	8 (1.2)	184 (4.1)	1 (0.3)	*** (***)
Central	80 (2.2)	225 (2.8)	11 (1.6)	182 (6.4)	6 (0.8)	199 (6.7)	1 (0.3)	*** (***)
West	66 (2.0)	222 (2.0)	7 (1.4)	186 (4.8)!	20 (1.5)	186 (4.4)	2 (0.3)	*** (***)
States								
Alabama	62 (1.7)	220 (1.5)	29 (1.6)	188 (1.9)	6 (0.6)	178 (4.3)	2 (0.4)	*** (***)
Arizona	58 (1.9)	220 (1.6)	4 (0.4)	183 (5.7)	29 (1.6)	188 (2.6)<	8 (1.4)	181 (5.1)
Arkansas	70 (1.7)	218 (1.7)	21 (1.6)	183 (2.3)<	6 (0.7)	192 (4.2)	2 (0.3)	*** (***)
California	44 (2.3)	211 (2.0)	7 (1.0)	182 (4.9)	33 (1.9)	174 (2.4)<	2 (0.4)	*** (***)
Colorado	67 (1.4)	222 (1.3)	5 (0.7)	191 (4.7)	21 (1.1)	193 (2.1)<	4 (0.4)	204 (5.2)
Connecticut	70 (1.4)	234 (1.3)	12 (1.1)	190 (4.8)	14 (1.1)	190 (3.9)	1 (0.2)	*** (***)
Delaware	63 (1.1)	215 (1.3)<<	23 (1.0)	188 (2.4)<	9 (0.6)	190 (3.1)	3 (0.4)	*** (***)
Florida	57 (1.8)	218 (1.6)	21 (1.8)	183 (2.4)	19 (1.6)	189 (3.1)<	2 (0.2)	*** (***)
Georgia	56 (2.6)	222 (1.9)	32 (2.2)	185 (3.2)<	9 (0.8)>	184 (5.7)	1 (0.2)	*** (***)
Hawaii	17 (1.1)	219 (2.1)	3 (0.5)	189 (4.5)	11 (0.8)	185 (4.0)	2 (0.2)	*** (***)
Indiana	81 (1.1)	225 (1.4)	10 (0.8)	193 (2.5)	7 (0.7)	201 (3.5)	1 (0.3)	*** (***)
Iowa	88 (1.1)	225 (1.2)	3 (0.6)	186 (7.0)!	6 (0.7)	204 (4.1)	2 (0.3)	*** (***)
Kentucky	83 (1.2)	215 (1.6)	10 (1.0)	190 (3.4)	5 (0.6)	196 (4.1)	1 (0.2)	*** (***)
Louisiana	51 (1.8)	213 (1.4)	38 (1.9)	180 (1.6)<<	8 (0.9)>	175 (5.0)	2 (0.3)	*** (***)
Maine	92 (0.6)	229 (1.3)	1 (0.2)	*** (***)	5 (0.4)	218 (4.6)	2 (0.3)	*** (***)
Maryland	57 (1.8)	223 (1.5)	32 (1.8)	185 (2.3)	6 (0.7)	197 (3.5)	2 (0.3)	*** (***)
Massachusetts	77 (1.6)	231 (1.2)	7 (1.0)	199 (3.1)	11 (0.8)>>	194 (2.8)	2 (0.3)	*** (***)
Minnesota	84 (1.1)	222 (1.1)	3 (0.5)	173 (8.0)	8 (0.6)>	202 (4.4)	3 (0.5)	196 (6.7)
Mississippi	46 (1.7)	220 (2.0)	45 (1.8)<	187 (2.1)	7 (0.8)	181 (3.9)	1 (0.3)	*** (***)
Missouri	75 (2.1)	223 (1.3)	14 (1.7)	192 (4.1)	7 (0.7)	200 (3.9)	2 (0.3)	212 (4.9)
Montana†	79 (1.8)	226 (1.3)	1 (0.2)	*** (***)	10 (0.8)	208 (3.2)	9 (1.3)	203 (2.8)
Nebraska†	82 (1.8)	224 (1.4)	4 (1.1)	190 (5.5)!	10 (1.4)	205 (3.9)	3 (0.4)	202 (6.2)
New Hampshire†	91 (1.1)	224 (1.5)	1 (0.2)	*** (***)	5 (0.7)	213 (4.8)	2 (0.6)	*** (***)
New Jersey	60 (1.9)	231 (1.2)	16 (1.9)	193 (3.4)	17 (1.5)	200 (2.5)	1 (0.2)	*** (***)
New Mexico	41 (1.8)	219 (1.7)	3 (0.5)	196 (7.0)	44 (1.4)	196 (2.2)	10 (1.6)	185 (5.3)
New York	54 (2.2)	226 (1.7)	21 (1.7)>	191 (1.9)<	19 (1.5)	193 (2.6)	2 (0.3)	*** (***)
North Carolina	65 (2.1)	225 (1.6)	26 (1.6)	193 (1.9)	4 (0.5)	189 (4.4)	3 (1.2)	201 (4.1)!
North Dakota	88 (1.4)<	228 (1.2)	1 (0.2)>	*** (***)	6 (0.6)>	212 (2.9)	4 (1.1)	197 (6.2)!
Pennsylvania†	76 (1.9)	224 (1.3)	14 (1.9)	180 (3.8)	7 (0.7)	187 (3.9)	1 (0.3)	*** (***)
Rhode Island†	80 (1.1)	226 (1.4)	6 (0.6)	197 (2.4)	9 (0.8)	195 (2.8)	1 (0.2)	*** (***)
South Carolina	53 (1.8)	219 (1.4)	37 (1.5)	184 (1.7)<<	8 (0.7)	182 (3.3)<	2 (0.3)	*** (***)
Tennessee†	74 (1.8)	220 (1.8)	19 (1.7)	188 (3.0)	4 (0.6)	196 (6.7)	1 (0.3)	*** (***)
Texas	50 (2.0)	227 (1.7)	12 (1.9)	191 (4.4)	34 (2.3)	198 (1.9)	1 (0.3)	*** (***)
Utah	82 (1.2)	221 (1.3)	1 (0.1)	*** (***)	12 (0.9)	199 (2.5)	3 (0.4)	195 (5.3)
Virginia	59 (2.0)<	224 (1.6)	29 (1.7)	192 (1.9)<<	7 (0.8)>	206 (3.4)	1 (0.2)	*** (***)
Washington	73 (1.7)	217 (1.5)	5 (0.8)	198 (3.1)	11 (1.1)	190 (3.6)	4 (0.4)	207 (4.2)
West Virginia	90 (0.8)	215 (1.0)	3 (0.5)	202 (4.2)	4 (0.5)	192 (4.8)	1 (0.2)	*** (***)
Wisconsin†	84 (1.4)	228 (1.1)	5 (0.9)	197 (3.5)	7 (0.8)	203 (4.3)	2 (0.4)	*** (***)
Wyoming	82 (1.6)	224 (1.2)	1 (0.2)	*** (***)	13 (1.0)	209 (3.1)	4 (1.0)	210 (3.3)!
Other Jurisdictions								
DoDEA Overseas	47 (1.1)	224 (1.2)	19 (0.7)	205 (1.9)	18 (0.9)	211 (1.7)	3 (0.4)	210 (4.2)
Guam	9 (0.6)<	192 (4.2)	4 (0.4)	171 (8.0)	18 (0.9)	171 (2.3)	1 (0.2)	*** (***)

(continued on next page)

---

* The percentages for race/ethnicity may not add to 100% because a small percentage of students categorized themselves as "other."

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 4 — 1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
BREAKDOWNS BY: Race/Ethnicity*

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Which best describes your race or your ethnic background?	Asian		Pacific Islander	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation				
Nation	2 (0.2)	231 (6.1)	1 (0.1)	216 (5.9)
Northeast	2 (0.6)	*** (***)	1 (0.3)	*** (***)
Southeast	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Central	1 (0.3)	*** (***)	0 (0.2)	*** (***)
West	3 (0.6)	226 (7.0)!	1 (0.3)	*** (***)
States				
Alabama	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Arizona	1 (0.2)	*** (***)	1 (0.2)	*** (***)
Arkansas	1 (0.2)	*** (***)	0 (0.1)	*** (***)
California	8 (1.1)	211 (6.0)	5 (1.0)	213 (4.5)!
Colorado	2 (0.3)	*** (***)	1 (0.2)	*** (***)
Connecticut	2 (0.3)	*** (***)	0 (0.1)	*** (***)
Delaware	1 (0.3)	*** (***)	0 (0.1)	*** (***)
Florida	1 (0.2)	*** (***)	1 (0.2)	*** (***)
Georgia	2 (0.3)	*** (***)	0 (0.1)	*** (***)
Hawaii	19 (1.3)	219 (2.6)	46 (1.6)	191 (2.0)
Indiana	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Iowa	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Kentucky	1 (0.1)	*** (***)	0 (0.1)	*** (***)
Louisiana	1 (0.7)	*** (***)	0 (0.0)	*** (***)
Maine	1 (0.1)	*** (***)	0 (0.1)	*** (***)
Maryland	3 (0.4)	232 (4.1)	1 (0.2)	*** (***)
Massachusetts	2 (0.6)	201 (9.2)!	0 (0.1)	*** (***)
Minnesota	2 (0.4)	*** (***)	0 (0.1)	*** (***)
Mississippi	0 (0.2)	*** (***)	0 (0.1)	*** (***)
Missouri	1 (0.3)	*** (***)	0 (0.1)	*** (***)
Montana†	1 (0.1)	*** (***)	0 (0.1)	*** (***)
Nebraska†	1 (0.2)	*** (***)	1 (0.1)	*** (***)
New Hampshire†	1 (0.2)	*** (***)	0 (0.1)	*** (***)
New Jersey	4 (0.6)	237 (4.0)	1 (0.3)	*** (***)
New Mexico	1 (0.3)	*** (***)	0 (0.1)	*** (***)
New York	3 (0.5)	230 (6.3)	1 (0.2)	*** (***)
North Carolina	1 (0.3)	*** (***)	0 (0.1)	*** (***)
North Dakota	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Pennsylvania†	1 (0.4)	*** (***)	1 (0.2)	*** (***)
Rhode Island†	3 (0.4)	203 (5.8)	0 (0.2)	*** (***)
South Carolina	0 (0.1)	*** (***)	1 (0.2)	*** (***)
Tennessee†	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Texas	2 (0.4)	*** (***)	0 (0.2)	*** (***)
Utah	1 (0.2)	*** (***)	1 (0.3)	*** (***)
Virginia	2 (0.4)	*** (***)	1 (0.2)	*** (***)
Washington	4 (0.7)	220 (5.7)	2 (0.4)	208 (6.2)
West Virginia	1 (0.2)	*** (***)	0 (0.1)	*** (***)
Wisconsin†	2 (0.5)	*** (***)	0 (0.1)	*** (***)
Wyoming	1 (0.1)	*** (***)	0 (0.1)	*** (***)
Other Jurisdictions				
DoDEA Overseas	5 (0.5)	222 (3.6)	5 (0.6)	215 (3.8)
Guam	3 (0.4)	180 (6.0)	64 (0.9)	183 (1.3)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented. The percentages for race/ethnicity may not add to 100% because a small percentage of students categorized themselves as "other."

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 5 — 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Race/Ethnicity***

Purpose for Reading...	Reading for Literary Experience				Reading to Gain Information			
Which best describes your race or your ethnic background?	White	Black	Hispanic	American Indian	White	Black	Hispanic	American Indian
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation								
Nation	225 (1.3)	195 (1.6)	204 (2.5)	208 (4.8)	221 (1.6)	188 (1.9)	193 (2.2)	201 (5.2)
Northeast	231 (3.3)	201 (4.0)	205 (4.8)	*** (***)	227 (4.8)	193 (4.1)	194 (5.5)	*** (***)
Southeast	222 (3.2)	196 (2.[illegible])	195 (6.6)!	*** (***)	218 (3.6)	192 (2.8)	193 (3.5)!	*** (***)
Central	225 (1.9)	188 (3.4)	212 (5.2)	*** (***)	222 (2.1)	184 (3.8)	205 (4.6)	*** (***)
West	223 (1.9)	189 (4.1)	203 (2.9)	*** (***)	216 (1.9)	179 (5.1)	188 (3.1)	*** (***)
States								
Alabama	221 (1.6)	190 (2.6)	195 (4.4)	*** (***)	214 (1.8)	186 (2.4)	184 (4.0)	*** (***)
Arizona	222 (1.1)	205 (4.7)	201 (2.3)	190 (3.5)	218 (1.4)	195 (4.4)	193 (2.0)	179 (3.7)
Arkansas	221 (1.2)	191 (2.0)	188 (3.7)	209 (5.2)	218 (1.3)	189 (1.8)	187 (5.4)	203 (4.9)
California	220 (2.2)	190 (3.2)	188 (2.6)	*** (***)	215 (2.1)	177 (3.8)	177 (3.0)	*** (***)
Colorado	225 (1.2)	207 (3.3)!	207 (2.0)	209 (4.4)	218 (1.4)	197 (4.8)!	197 (2.3)	197 (5.4)
Connecticut	233 (1.2)	199 (3.6)	199 (4.1)	*** (***)	227 (1.4)	192 (3.7)	187 (3.1)	*** (***)
Delaware†	223 (0.8)	196 (1.8)	187 (3.3)	*** (***)	221 (1.0)	195 (2.1)	189 (3.5)	*** (***)
Florida	220 (1.2)	190 (2.8)	207 (2.6)	*** (***)	217 (1.3)	182 (3.0)	195 (3.5)	*** (***)
Georgia	227 (1.5)	198 (2.4)	194 (5.9)	*** (***)	220 (1.5)	193 (2.3)	189 (5.0)	*** (***)
Hawaii	218 (2.8)	194 (4.7)	196 (3.1)	*** (***)	210 (3.0)	189 (5.5)	190 (2.9)	*** (***)
Indiana	227 (1.3)	201 (2.7)	215 (3.7)	*** (***)	221 (1.4)	199 (2.5)	206 (4.5)	*** (***)
Iowa	228 (1.0)	213 (4.2)	212 (3.1)	*** (***)	225 (1.5)	206 (4.1)	211 (4.2)	*** (***)
Kentucky	218 (1.3)	196 (3.6)	201 (6.0)	*** (***)	211 (1.4)	197 (3.3)	188 (5.0)	*** (***)
Louisiana	219 (1.3)	194 (1.7)	191 (5.1)	*** (***)	212 (1.4)	186 (1.7)	184 (4.8)	*** (***)
Maine†	229 (1.2)	*** (***)	210 (4.0)	*** (***)	226 (1.4)	*** (***)	207 (4.3)	*** (***)
Maryland	224 (1.7)	196 (2.9)	202 (3.3)	*** (***)	217 (1.6)	189 (2.7)	192 (3.5)	*** (***)
Massachusetts	233 (1.2)	208 (3.0)	201 (3.2)	*** (***)	228 (1.0)	201 (3.1)	201 (3.8)	*** (***)
Minnesota	225 (1.3)	195 (6.4)	203 (3.3)	*** (***)	222 (1.1)	185 (6.5)	202 (4.3)	*** (***)
Mississippi	219 (1.7)	187 (1.9)	188 (4.1)	*** (***)	214 (1.5)	186 (1.5)	182 (3.9)	*** (***)
Missouri	227 (1.1)	200 (3.1)	202 (3.6)	*** (***)	223 (1.2)	192 (3.5)	202 (3.7)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	228 (1.2)	199 (3.2)	206 (3.7)	*** (***)	221 (1.6)	194 (4.8)	204 (3.3)	*** (***)
New Hampshire†	231 (1.2)	*** (***)	217 (3.8)	*** (***)	226 (1.4)	*** (***)	212 (3.8)	*** (***)
New Jersey†	233 (1.6)	204 (2.9)	203 (2.7)	*** (***)	231 (1.7)	194 (3.0)	194 (3.6)	*** (***)
New Mexico	225 (2.0)	199 (7.3)	204 (2.0)	202 (4.1)!	221 (2.3)	204 (4.6)	196 (1.8)	199 (3.8)!
New York†	228 (1.3)	205 (3.3)	191 (3.3)	*** (***)	224 (1.6)	197 (2.9)	182 (5.3)	*** (***)
North Carolina	223 (1.5)	198 (2.1)	195 (3.5)	206 (4.6)!	219 (1.4)	190 (2.6)	189 (4.5)	201 (8.2)!
North Dakota	229 (1.3)	*** (***)	225 (4.0)	215 (4.7)!	223 (1.4)	*** (***)	215 (8.2)	206 (5.3)!
Pennsylvania	229 (1.2)	197 (2.3)	204 (3.3)	*** (***)	225 (1.3)	182 (2.8)	194 (4.9)	*** (***)
Rhode Island	226 (1.3)	194 (3.8)	196 (4.1)	*** (***)	222 (1.5)	179 (4.9)	185 (4.8)	*** (***)
South Carolina	225 (1.5)	199 (1.9)	196 (3.1)	*** (***)	216 (1.8)	189 (1.8)	194 (3.3)	*** (***)
Tennessee	222 (1.3)	197 (2.4)	196 (4.4)	*** (***)	216 (1.8)	190 (2.4)	196 (4.6)	*** (***)
Texas	226 (2.1)	204 (2.4)	204 (1.7)	*** (***)	221 (2.4)	195 (3.2)	197 (2.2)	*** (***)
Utah	225 (1.1)	*** (***)	207 (2.8)	*** (***)	220 (1.2)	*** (***)	200 (2.8)	*** (***)
Virginia	231 (1.7)	206 (2.1)	208 (4.9)	*** (***)	226 (1.4)	199 (2.3)	195 (3.9)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	219 (1.2)	209 (7.2)	195 (7.2)	*** (***)	214 (1.4)	197 (6.4)	198 (6.8)	*** (***)
Wisconsin	230 (1.1)	204 (3.6)	213 (3.7)	209 (6.0)!	224 (1.1)	196 (2.4)	207 (3.7)	202 (4.2)!
Wyoming	229 (1.1)	*** (***)	214 (2.6)	215 (5.5)!	221 (1.3)	*** (***)	201 (3.4)	206 (3.9)!
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	200 (3.1)	159 (7.0)	173 (3.3)	*** (***)	188 (3.4)	174 (5.5)	156 (2.8)	*** (***)

(continued on next page)

---

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 5

1994 READING ASSESSMENT

THE NATION'S REPORT CARD NAEP
1992
1994
Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Race/Ethnicity**

Purpose for Reading...	**Reading for Literary Experience**				**Reading to Gain Information**			
Which best describes your race or your ethnic background?	**White**	**Black**	**Hispanic**	**American Indian**	**White**	**Black**	**Hispanic**	**American Indian**
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation								
Nation	224 (1.4)	190 (2.1)	191 (2.8)<	202 (3.5)	220 (1.4)	181 (1.6)<	185 (2.7)	198 (4.2)
Northeast	226 (2.6)	188 (2.8)<	194 (3.8)	*** (***)	222 (2.9)	179 (2.4)<	186 (4.9)	*** (***)
Southeast	221 (2.5)	192 (2.8)	187 (4.3)	*** (***)	217 (2.8)	184 (2.5)	180 (4.3)	*** (***)
Central	227 (2.9)	187 (6.3)	203 (7.1)	*** (***)	222 (2.9)	176 (6.9)	194 (6.7)	*** (***)
West	223 (2.4)	189 (5.0)!	187 (4.5)<	*** (***)	220 (2.0)	183 (5.3)!	184 (4.4)	*** (***)
States								
Alabama	222 (1.5)	191 (2.1)	180 (5.3)	*** (***)	218 (2.2)	184 (2.4)	175 (4.8)	*** (***)
Arizona	223 (1.6)	189 (5.6)	192 (2.7)	184 (4.6)	215 (1.9)	176 (6.6)	183 (2.9)<	178 (6.1)
Arkansas	219 (2.0)	188 (2.4)	192 (4.4)	*** (***)	216 (2.1)	178 (2.7)<	192 (5.3)	*** (***)
California	214 (2.4)	184 (5.9)	179 (2.6)	*** (***)	208 (2.2)	181 (5.6)	168 (2.7)	*** (***)
Colorado	226 (1.4)	193 (4.6)	197 (2.1)<	209 (5.5)	218 (1.5)	189 (5.2)	189 (2.7)	199 (5.3)
Connecticut	234 (1.4)	195 (5.0)	191 (4.2)	*** (***)	234 (1.7)>	183 (5.0)	189 (4.4)	*** (***)
Delaware	218 (1.8)	192 (2.5)	195 (3.9)	*** (***)	212 (1.4)<<	184 (2.7)<	184 (3.3)	*** (***)
Florida	220 (2.0)	188 (2.9)	190 (3.7)<<	*** (***)	216 (1.7)	178 (2.5)	187 (3.4)	*** (***)
Georgia	223 (1.9)	186 (3.5)<	184 (6.1)	*** (***)	222 (2.1)	184 (3.1)	184 (5.9)	*** (***)
Hawaii	221 (2.1)	188 (5.8)	186 (3.9)	*** (***)	217 (2.8)	191 (5.0)	185 (4.6)	*** (***)
Indiana	226 (1.6)	197 (2.3)	202 (4.2)	*** (***)	223 (1.5)	188 (3.7)	201 (3.8)	*** (***)
Iowa	227 (1.3)	188 (7.4)!	206 (4.3)	*** (***)	223 (1.4)	183 (9.0)!	201 (4.4)	*** (***)
Kentucky	216 (1.5)	194 (4.3)	195 (4.5)	*** (***)	213 (1.9)	186 (3.9)	198 (4.8)	*** (***)
Louisiana	215 (1.6)	181 (1.9)<<	175 (5.5)	*** (***)	211 (1.7)	178 (1.9)<	175 (5.2)	*** (***)
Maine	231 (1.4)	*** (***)	220 (5.2)	*** (***)	227 (1.5)	*** (***)	215 (4.9)	*** (***)
Maryland	226 (1.4)	190 (2.6)	196 (3.8)	*** (***)	220 (2.1)	179 (2.8)	198 (4.7)	*** (***)
Massachusetts	232 (1.2)	204 (3.3)	195 (3.3)	*** (***)	228 (1.3)	192 (3.7)	193 (3.5)	*** (***)
Minnesota	224 (1.2)	186 (9.0)	203 (5.0)	200 (6.9)	220 (1.2)	156 (8.2)<	200 (5.0)	192 (7.2)
Mississippi	223 (2.0)	187 (2.6)	180 (4.4)	*** (***)	217 (2.6)	186 (1.9)	183 (4.7)	*** (***)
Missouri	224 (1.3)	195 (4.5)	202 (4.0)	212 (5.6)	221 (1.5)	189 (4.2)	196 (4.2)	212 (4.8)
Montana†	228 (1.6)	*** (***)	213 (3.4)	206 (2.9)	224 (1.3)	*** (***)	202 (3.9)	200 (3.3)
Nebraska†	225 (1.5)	193 (5.2)!	206 (4.3)	204 (6.8)	222 (1.6)	187 (7.1)!	203 (3.8)	199 (6.4)
New Hampshire†	227 (1.7)	*** (***)	216 (5.9)	*** (***)	221 (1.8)	*** (***)	209 (5.7)	*** (***)
New Jersey	232 (1.5)	199 (3.5)	204 (2.7)	*** (***)	230 (1.5)	186 (4.2)	196 (2.6)	*** (***)
New Mexico	221 (1.6)	198 (8.1)	201 (2.3)	188 (5.2)	215 (2.0)	194 (7.7)	191 (2.3)	182 (6.2)
New York	228 (1.9)	192 (1.9)<	200 (2.8)	*** (***)	224 (2.0)	189 (3.0)	185 (2.7)	*** (***)
North Carolina	226 (1.9)	196 (1.9)	196 (4.0)	202 (4.3)!	223 (1.7)	190 (2.3)	180 (5.5)	200 (4.8)!
North Dakota	228 (1.5)	*** (***)	216 (3.1)	203 (4.3)!	227 (1.2)	*** (***)	206 (4.1)	190 (9.8)!
Pennsylvania†	225 (1.7)	187 (3.9)	193 (3.8)	*** (***)	223 (1.4)	172 (4.2)	181 (4.8)	*** (***)
Rhode Island†	227 (1.5)	200 (2.2)	198 (3.1)	*** (***)	224 (1.8)	194 (3.2)	192 (3.0)	*** (***)
South Carolina	221 (1.6)	187 (2.4)<<	179 (3.2)<<	*** (***)	217 (1.6)	180 (1.8)<	187 (3.9)	*** (***)
Tennessee†	222 (1.7)	189 (3.4)	191 (6.3)	*** (***)	217 (2.2)	187 (3.2)	201 (8.0)	*** (***)
Texas	228 (2.0)	192 (5.3)	201 (2.0)	*** (***)	225 (1.8)	190 (3.6)	194 (2.2)	*** (***)
Utah	225 (1.4)	*** (***)	204 (3.1)	200 (5.8)	215 (1.7)	*** (***)	194 (2.7)	189 (5.4)
Virginia	227 (1.7)	194 (2.4)<	206 (3.6)	*** (***)	221 (1.9)	190 (2.1)<	205 (3.4)	*** (***)
Washington	220 (1.6)	198 (3.5)	193 (3.7)	212 (4.2)	214 (1.7)	197 (4.0)	186 (3.9)	200 (4.8)
West Virginia	217 (1.2)	198 (4.5)	191 (5.1)	*** (***)	212 (1.2)	207 (5.3)	193 (6.0)	*** (***)
Wisconsin†	229 (1.2)	199 (2.4)	205 (4.7)	*** (***)	227 (1.3)	194 (6.6)	201 (5.8)	*** (***)
Wyoming	226 (1.2)	*** (***)	212 (3.1)	214 (3.1)!	221 (1.4)	*** (***)	205 (3.8)	206 (4.4)!
Other Jurisdictions								
DoDEA Overseas	227 (1.2)	206 (1.9)	214 (2.3)	213 (4.4)	222 (1.4)	204 (2.3)	208 (2.4)	207 (4.6)
Guam	195 (4.6)	177 (9.3)	172 (2.9)	*** (***)	188 (4.1)	163 (8.2)	169 (1.9)>>	*** (***)

(continued on next page)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP),** 1992 and 1994 Reading Assessments.

TABLE 5 — 1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Race/Ethnicity***

Purpose for Reading...	**Reading for Literary Experience**		**Reading to Gain Information**	
Which best describes your race or your ethnic background?	**Asian**	**Pacific Islander**	**Asian**	**Pacific Islander**
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation				
Nation	230 (5.4)	219 (6.2)	232 (7.5)	212 (7.4)
Northeast	*** (***)	*** (***)	*** (***)	*** (***)
Southeast	*** (***)	*** (***)	*** (***)	*** (***)
Central	*** (***)	*** (***)	*** (***)	*** (***)
West	225 (6.6)!	*** (***)	228 (8.5)!	*** (***)
States				
Alabama	*** (***)	*** (***)	*** (***)	*** (***)
Arizona	*** (***)	*** (***)	*** (***)	*** (***)
Arkansas	*** (***)	*** (***)	*** (***)	*** (***)
California	213 (6.5)	213 (5.6)!	208 (6.2)	212 (4.4)!
Colorado	*** (***)	*** (***)	*** (***)	*** (***)
Connecticut	*** (***)	*** (***)	*** (***)	*** (***)
Delaware	*** (***)	*** (***)	*** (***)	*** (***)
Florida	*** (***)	*** (***)	*** (***)	*** (***)
Georgia	*** (***)	*** (***)	*** (***)	*** (***)
Hawaii	220 (2.6)	194 (2.3)	218 (3.1)	187 (2.1)
Indiana	*** (***)	*** (***)	*** (***)	*** (***)
Iowa	*** (***)	*** (***)	*** (***)	*** (***)
Kentucky	*** (***)	*** (***)	*** (***)	*** (***)
Louisiana	*** (***)	*** (***)	*** (***)	*** (***)
Maine	*** (***)	*** (***)	*** (***)	*** (***)
Maryland	230 (4.4)	*** (***)	235 (5.2)	*** (***)
Massachusetts	204 (9.3)!	*** (***)	198 (9.6)!	*** (***)
Minnesota	*** (***)	*** (***)	*** (***)	*** (***)
Mississippi	*** (***)	*** (***)	*** (***)	*** (***)
Missouri	*** (***)	*** (***)	*** (***)	*** (***)
Montana†	*** (***)	*** (***)	*** (***)	*** (***)
Nebraska†	*** (***)	*** (***)	*** (***)	*** (***)
New Hampshire†	*** (***)	*** (***)	*** (***)	*** (***)
New Jersey	243 (4.5)	*** (***)	230 (5.0)	*** (***)
New Mexico	*** (***)	*** (***)	*** (***)	*** (***)
New York	230 (7.1)	*** (***)	230 (7.0)	*** (***)
North Carolina	*** (***)	*** (***)	*** (***)	*** (***)
North Dakota	*** (***)	*** (***)	*** (***)	*** (***)
Pennsylvania†	*** (***)	*** (***)	*** (***)	*** (***)
Rhode Island†	196 (6.4)	*** (***)	211 (6.2)	*** (***)
South Carolina	*** (***)	*** (***)	*** (***)	*** (***)
Tennessee†	*** (***)	*** (***)	*** (***)	*** (***)
Texas	*** (***)	*** (***)	*** (***)	*** (***)
Utah	*** (***)	*** (***)	*** (***)	*** (***)
Virginia	*** (***)	*** (***)	*** (***)	*** (***)
Washington	223 (5.4)	210 (7.6)	216 (6.7)	206 (6.6)
West Virginia	*** (***)	*** (***)	*** (***)	*** (***)
Wisconsin†	*** (***)	*** (***)	*** (***)	*** (***)
Wyoming	*** (***)	*** (***)	*** (***)	*** (***)
Other Jurisdictions				
DoDEA Overseas	225 (4.6)	215 (3.9)	219 (4.2)	214 (4.6)
Guam	182 (6.3)	186 (1.4)	177 (6.2)	178 (1.5)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 6 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Race/Ethnicity***

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level				At or Above Proficient Achievement Level			
Which best describes your race or your ethnic background?	White	Black	Hispanic	American Indian	White	Black	Hispanic	American Indian
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	8 (1.0)	1 (0.5)	2 (1.0)	3 (1.9)	33 (1.9)	8 (1.4)	14 (1.8)	16 (4.5)
Northeast	12 (3.4)	1 (0.6)	1 (1.6)	*** (***)	41 (5.4)	11 (3.1)	15 (5.5)	*** (***)
Southeast	6 (1.1)	1 (0.9)	1 (0.6)!	*** (***)	29 (3.9)	9 (2.2)	12 (2.9)!	*** (***)
Central	7 (1.5)	0 (0.7)	6 (3.8)	*** (***)	33 (2.9)	4 (2.0)	23 (5.6)	*** (***)
West	7 (1.0)	0 (0.2)	2 (1.1)	*** (***)	32 (2.7)	6 (2.2)	11 (1.5)	*** (***)
States								
Alabama	5 (0.6)	0 (0.1)	1 (0.9)	*** (***)	28 (1.9)	5 (1.3)	7 (3.1)	*** (***)
Arizona	5 (0.7)	2 (1.6)	1 (0.5)	1 (0.5)	29 (1.7)	16 (4.2)	10 (1.5)	6 (1.8)
Arkansas	5 (0.8)	0 (0.5)	0 (0.3)	1 (1.5)	29 (1.5)	6 (1.1)	8 (2.9)	16 (5.5)
California	6 (1.0)	1 (1.1)	1 (0.4)	*** (***)	30 (2.4)	8 (2.7)	6 (1.4)	*** (***)
Colorado	5 (0.8)	1 (0.9)!	1 (0.5)	3 (2.2)	30 (1.6)	12 (3.0)!	13 (1.7)	16 (5.6)
Connecticut	8 (1.2)	1 (1.0)	1 (0.8)	*** (***)	42 (1.7)	9 (2.0)	8 (1.6)	*** (***)
Delaware†	7 (0.6)	1 (0.3)	0 (0.3)	*** (***)	32 (1.4)	9 (1.9)	7 (2.9)	*** (***)
Florida	5 (0.7)	1 (0.4)	2 (1.1)	*** (***)	29 (1.6)	7 (1.6)	14 (2.1)	*** (***)
Georgia	8 (1.2)	1 (0.6)	2 (1.8)	*** (***)	34 (1.9)	9 (1.3)	15 (3.6)	*** (***)
Hawaii	4 (1.3)	1 (2.0)	2 (1.1)	*** (***)	26 (3.4)	10 (3.7)	11 (2.6)	*** (***)
Indiana	6 (1.0)	1 (1.0)	3 (2.5)	*** (***)	33 (1.7)	11 (2.7)	22 (5.4)	*** (***)
Iowa	7 (0.7)	1 (1.8)	3 (1.3)	*** (***)	38 (1.6)	17 (4.8)	17 (4.0)	*** (***)
Kentucky	4 (0.6)	0 (0.7)	3 (1.8)	*** (***)	25 (1.7)	8 (3.2)	13 (4.9)	*** (***)
Louisiana	3 (0.7)	0 (0.2)	0 (0.9)	*** (***)	23 (1.6)	6 (1.0)	7 (2.7)	*** (***)
Maine†	7 (0.9)	*** (***)	0 (1.1)	*** (***)	37 (1.7)	*** (***)	14 (4.7)	*** (***)
Maryland	6 (0.9)	1 (0.6)	1 (0.9)	*** (***)	32 (1.7)	9 (1.3)	12 (2.8)	*** (***)
Massachusetts	8 (0.9)	1 (0.7)	1 (0.5)	*** (***)	41 (1.7)	10 (3.2)	11 (2.5)	*** (***)
Minnesota	6 (0.8)	0 (1.3)	2 (1.6)	*** (***)	34 (1.5)	5 (2.8)	14 (4.4)	*** (***)
Mississippi	4 (0.8)	0 (0.2)	1 (0.8)	*** (***)	26 (1.9)	5 (0.6)	3 (2.2)	*** (***)
Missouri	7 (0.8)	1 (0.8)	1 (1.1)	*** (***)	35 (1.5)	9 (2.1)	12 (2.9)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	6 (0.9)	0 (0.5)	2 (1.2)	*** (***)	34 (1.8)	10 (3.1)	16 (3.0)	*** (***)
New Hampshire†	8 (1.1)	*** (***)	3 (1.8)	*** (***)	39 (1.6)	*** (***)	25 (5.0)	*** (***)
New Jersey†	10 (1.4)	1 (1.1)	2 (1.1)	*** (***)	44 (2.2)	10 (2.1)	14 (2.5)	*** (***)
New Mexico	7 (1.3)	1 (2.4)	1 (0.5)	0 (***)	35 (2.8)	12 (7.8)	13 (1.1)	9 (4.9)!
New York†	7 (1.1)	2 (1.0)	1 (0.4)	*** (***)	36 (1.8)	12 (2.6)	9 (1.7)	*** (***)
North Carolina	7 (0.9)	1 (0.6)	2 (1.6)	4 (3.8)!	33 (1.8)	9 (1.8)	14 (3.8)	19 (5.6)!
North Dakota	6 (0.9)	*** (***)	6 (3.8)	2 (1.7)!	36 (1.5)	*** (***)	29 (5.8)	17 (5.5)!
Pennsylvania	7 (0.9)	1 (0.4)	2 (1.1)	*** (***)	37 (1.8)	7 (1.4)	14 (3.4)	*** (***)
Rhode Island	6 (0.8)	1 (1.1)	1 (0.6)	*** (***)	33 (1.9)	7 (2.5)	9 (1.9)	*** (***)
South Carolina	6 (1.0)	1 (0.3)	1 (1.2)	*** (***)	32 (1.7)	7 (1.2)	11 (3.5)	*** (***)
Tennessee	5 (0.9)	1 (0.4)	2 (1.9)	*** (***)	29 (1.7)	8 (1.2)	14 (4.3)	*** (***)
Texas	7 (1.2)	1 (0.6)	1 (0.5)	*** (***)	35 (2.4)	8 (1.6)	12 (1.9)	*** (***)
Utah	5 (0.7)	*** (***)	2 (1.1)	*** (***)	32 (1.7)	*** (***)	14 (3.1)	*** (***)
Virginia	9 (1.3)	1 (0.5)	1 (1.3)	*** (***)	40 (2.0)	12 (2.0)	12 (3.3)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	5 (0.8)	3 (2.3)	2 (2.5)	*** (***)	26 (1.4)	12 (5.5)	16 (5.3)	*** (***)
Wisconsin	7 (0.7)	1 (0.8)	2 (1.1)	1 (2.2)!	37 (1.5)	10 (2.5)	17 (2.7)	16 (6.4)!
Wyoming	6 (0.7)	*** (***)	2 (1.1)	3 (2.2)!	36 (1.7)	*** (***)	17 (2.3)	17 (5.0)!
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	2 (0.9)	1 (1.4)	0 (0.4)	*** (***)	15 (2.1)	5 (2.7)	4 (1.3)	*** (***)

(continued on next page)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 6

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Race/Ethnicity***

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

Percentage of students...	At or Above Basic Achievement Level				Below Basic Achievement Level			
Which best describes your race or your ethnic background?	**White**	**Black**	**Hispanic**	**American Indian**	**White**	**Black**	**Hispanic**	**American Indian**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	70 (1.5)	32 (2.1)	42 (2.1)	52 (6.7)	30 (1.5)	68 (2.1)	58 (2.1)	48 (6.7)
Northeast	75 (3.6)	37 (4.7)	43 (5.8)	*** (***)	25 (3.6)	63 (4.7)	57 (5.8)	*** (***)
Southeast	67 (4.8)	34 (3.9)	39 (4.9)!	*** (***)	33 (4.8)	66 (3.9)	61 (4.9)!	*** (***)
Central	71 (1.8)	28 (4.5)	54 (7.4)	*** (***)	29 (1.8)	72 (4.5)	46 (7.4)	*** (***)
West	66 (2.3)	26 (4.2)	37 (2.7)	*** (***)	34 (2.3)	74 (4.2)	63 (2.7)	*** (***)
States								
Alabama	64 (2.2)	28 (2.5)	33 (5.1)	*** (***)	36 (2.2)	72 (2.5)	67 (5.1)	*** (***)
Arizona	67 (1.7)	43 (6.2)	41 (2.5)	25 (4.6)	33 (1.7)	57 (6.2)	59 (2.5)	75 (4.6)
Arkansas	66 (1.5)	29 (2.0)	31 (5.2)	51 (6.9)	34 (1.5)	71 (2.0)	69 (5.2)	49 (6.9)
California	65 (2.7)	29 (4.6)	26 (2.8)	*** (***)	35 (2.7)	71 (4.6)	74 (2.8)	*** (***)
Colorado	70 (1.6)	48 (6.2)!	46 (2.9)	47 (7.1)	30 (1.6)	52 (6.2)!	54 (2.9)	53 (7.1)
Connecticut	80 (1.3)	34 (5.2)	37 (4.1)	*** (***)	20 (1.3)	66 (5.2)	63 (4.1)	*** (***)
Delaware†	69 (1.5)	35 (2.5)	31 (3.9)	*** (***)	31 (1.5)	65 (2.5)	69 (3.9)	*** (***)
Florida	65 (1.6)	27 (3.0)	43 (3.2)	*** (***)	35 (1.6)	73 (3.0)	57 (3.2)	*** (***)
Georgia	71 (1.6)	36 (2.7)	34 (5.8)	*** (***)	29 (1.6)	64 (2.7)	66 (5.8)	*** (***)
Hawaii	62 (3.6)	33 (4.6)	34 (3.8)	*** (***)	38 (3.6)	67 (4.6)	66 (3.8)	*** (***)
Indiana	73 (1.5)	41 (3.5)	54 (5.1)	*** (***)	27 (1.5)	59 (3.5)	46 (5.1)	*** (***)
Iowa	75 (1.4)	54 (7.0)	58 (4.7)	*** (***)	25 (1.4)	46 (7.0)	42 (4.7)	*** (***)
Kentucky	61 (1.7)	38 (4.7)	34 (7.1)	*** (***)	39 (1.7)	62 (4.7)	66 (7.1)	*** (***)
Louisiana	62 (1.9)	28 (1.8)	32 (6.1)	*** (***)	38 (1.9)	72 (1.8)	68 (6.1)	*** (***)
Maine†	77 (1.5)	*** (***)	52 (6.0)	*** (***)	23 (1.5)	*** (***)	48 (6.0)	*** (***)
Maryland	68 (1.9)	35 (3.1)	39 (3.9)	*** (***)	32 (1.9)	65 (3.1)	61 (3.9)	*** (***)
Massachusetts	80 (1.1)	48 (4.4)	42 (4.3)	*** (***)	20 (1.1)	52 (4.4)	58 (4.3)	*** (***)
Minnesota	71 (1.6)	29 (6.0)	45 (5.9)	*** (***)	29 (1.6)	71 (6.0)	55 (5.9)	*** (***)
Mississippi	64 (2.3)	25 (1.7)	23 (5.0)	*** (***)	36 (2.3)	75 (1.7)	77 (5.0)	*** (***)
Missouri	74 (1.5)	38 (3.5)	42 (4.6)	*** (***)	26 (1.5)	62 (3.5)	58 (4.6)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	73 (1.6)	35 (3.9)	49 (4.5)	*** (***)	27 (1.6)	65 (3.9)	51 (4.5)	*** (***)
New Hampshire†	77 (1.9)	*** (***)	62 (4.9)	*** (***)	23 (1.9)	*** (***)	38 (4.9)	*** (***)
New Jersey†	81 (1.5)	40 (4.0)	39 (4.3)	*** (***)	19 (1.5)	60 (4.0)	61 (4.3)	*** (***)
New Mexico	70 (2.1)	41 (7.0)	42 (2.2)	42 (7.2)!	30 (2.1)	59 (7.0)	58 (2.2)	58 (7.2)!
New York†	74 (1.6)	44 (3.4)	32 (3.2)	*** (***)	26 (1.6)	56 (3.4)	68 (3.2)	*** (***)
North Carolina	67 (1.6)	36 (3.1)	37 (4.2)	43 (8.8)!	33 (1.6)	64 (3.1)	63 (4.2)	57 (8.8)!
North Dakota	75 (1.8)	*** (***)	71 (7.5)	56 (7.7)!	25 (1.8)	*** (***)	29 (7.5)	44 (7.7)!
Pennsylvania	76 (1.6)	29 (3.3)	41 (4.7)	*** (***)	24 (1.6)	71 (3.3)	59 (4.7)	*** (***)
Rhode Island	72 (1.7)	27 (3.5)	32 (5.4)	*** (***)	28 (1.7)	73 (3.5)	68 (5.4)	*** (***)
South Carolina	68 (2.3)	34 (2.3)	32 (5.3)	*** (***)	32 (2.3)	66 (2.3)	68 (5.3)	*** (***)
Tennessee	65 (1.7)	33 (2.9)	39 (5.8)	*** (***)	35 (1.7)	67 (2.9)	61 (5.8)	*** (***)
Texas	71 (2.5)	40 (3.8)	41 (2.4)	*** (***)	29 (2.5)	60 (3.8)	59 (2.4)	*** (***)
Utah	70 (1.5)	*** (***)	45 (4.2)	*** (***)	30 (1.5)	*** (***)	55 (4.2)	*** (***)
Virginia	76 (1.9)	44 (3.7)	45 (5.1)	*** (***)	24 (1.9)	56 (3.7)	55 (5.1)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	63 (1.3)	42 (7.6)	39 (6.2)	*** (***)	37 (1.3)	58 (7.6)	61 (6.2)	*** (***)
Wisconsin	75 (1.3)	41 (4.4)	56 (4.8)	49 (9.3)!	25 (1.3)	59 (4.4)	44 (4.8)	51 (9.3)!
Wyoming	75 (1.8)	*** (***)	53 (3.8)	54 (6.4)!	25 (1.8)	*** (***)	47 (3.8)	46 (6.4)!
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	41 (3.8)	19 (5.5)	17 (2.2)	*** (***)	59 (3.8)	81 (5.5)	83 (2.2)	*** (***)

(continued on next page)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 6

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students by Achievement Levels
BREAKDOWNS BY: Race/Ethnicity

THE NATION'S REPORT CARD
naep
1992
1994
Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level				At or Above Proficient Achievement Level			
Which best describes your race or your ethnic background?	**White**	**Black**	**Hispanic**	**American Indian**	**White**	**Black**	**Hispanic**	**American Indian**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation	*							
Nation	9 (0.9)	1 (0.4)	2 (0.7)	3 (2.5)	35 (1.5)	8 (0.9)	12 (1.6)	18 (4.2)
Northeast	9 (1.8)	1 (0.8)	2 (1.9)	*** (***)	37 (3.3)	7 (1.7)	12 (3.6)	*** (***)
Southeast	8 (0.8)	1 (0.6)	1 (1.6)	*** (***)	31 (2.9)	9 (1.7)	8 (2.5)	*** (***)
Central	9 (1.7)	0 (0.4)	3 (1.5)	*** (***)	37 (3.2)	7 (2.0)	23 (7.8)	*** (***)
West	9 (1.1)	1 (1.3)!	2 (1.1)	*** (***)	36 (2.5)	9 (3.8)!	10 (2.1)	*** (***)
States								
Alabama	7 (1.2)	1 (0.6)	0 (***)	*** (***)	32 (1.5)	8 (1.1)	4 (3.1)	*** (***)
Arizona	9 (1.1)	2 (3.9)	3 (0.8)	1 (0.7)	32 (1.9)	10 (3.4)	13 (1.6)	10 (2.8)
Arkansas	6 (0.9)	0 (0.3)	3 (1.7)	*** (***)	30 (1.7)	6 (1.2)	14 (3.3)	*** (***)
California	5 (0.8)	1 (0.6)	1 (0.6)	*** (***)	25 (1.9)	8 (3.7)	6 (1.5)	*** (***)
Colorado	8 (1.0)	2 (1.8)	1 (0.6)	5 (3.0)	35 (1.6)	11 (5.7)	12 (1.8)	22 (5.0)
Connecticut	14 (1.4)>	1 (0.7)	2 (0.8)	*** (***)	48 (1.8)	9 (2.5)	14 (3.0)	*** (***)
Delaware	7 (1.2)	1 (0.6)	1 (0.7)	*** (***)	30 (1.5)	10 (2.1)	10 (2.4)	*** (***)
Florida	7 (0.8)	1 (0.4)	3 (1.1)	*** (***)	31 (2.0)	7 (1.7)	13 (1.8)	*** (***)
Georgia	10 (1.5)	2 (0.5)	2 (1.3)	*** (***)	36 (2.4)	10 (2.0)	13 (2.9)	*** (***)
Hawaii	7 (1.7)	1 (1.4)	2 (1.0)	*** (***)	34 (2.5)	10 (4.0)	13 (2.8)	*** (***)
Indiana	9 (0.9)	1 (0.6)	1 (1.8)	*** (***)	37 (1.8)	8 (2.6)	14 (3.5)	*** (***)
Iowa	8 (1.1)	0 (***)	5 (2.3)	*** (***)	37 (1.4)	7 (4.1)!	16 (3.1)	*** (***)
Kentucky	6 (0.9)	1 (0.7)	2 (1.6)	*** (***)	28 (1.9)	12 (3.5)	11 (5.0)	*** (***)
Louisiana	4 (0.9)	0 (0.5)	0 (0.5)	*** (***)	25 (1.8)	4 (0.8)	6 (2.4)	*** (***)
Maine	10 (1.0)>	*** (***)	5 (3.4)	*** (***)	42 (1.5)	*** (***)	25 (6.2)	*** (***)
Maryland	10 (1.2)	1 (0.4)	1 (1.2)	*** (***)	37 (2.0)	8 (1.3)	12 (4.3)	*** (***)
Massachusetts	10 (1.3)	2 (1.7)	1 (0.6)	*** (***)	42 (1.9)	13 (2.3)	10 (2.1)	*** (***)
Minnesota	8 (0.8)	2 (1.1)	4 (2.7)	3 (3.3)	35 (1.6)	9 (3.8)	21 (4.1)	15 (5.5)
Mississippi	7 (1.2)	1 (0.3)	1 (0.6)	*** (***)	31 (2.3)	7 (1.2)	6 (2.1)	*** (***)
Missouri	9 (1.0)	3 (1.6)	2 (1.7)	4 (4.9)	35 (1.6)	12 (3.1)	17 (3.9)	22 (5.9)
Montana†	9 (0.9)	*** (***)	2 (1.2)	2 (1.0)	39 (1.5)	*** (***)	20 (2.8)	17 (3.7)
Nebraska†	9 (1.0)	1 (1.1)!	4 (2.2)	3 (3.2)	37 (1.8)	9 (4.7)!	21 (3.9)	17 (6.8)
New Hampshire†	9 (1.1)	*** (***)	4 (2.8)	*** (***)	37 (1.5)	*** (***)	21 (6.6)	*** (***)
New Jersey	11 (0.9)	2 (1.2)	4 (1.0)	*** (***)	42 (2.2)	12 (2.3)	17 (1.9)	*** (***)
New Mexico	7 (1.1)	1 (1.6)	3 (0.6)	2 (0.8)	30 (2.3)	11 (5.4)	15 (1.5)	8 (2.9)
New York	9 (1.2)	1 (0.5)	3 (1.0)	*** (***)	39 (2.2)	9 (1.5)	13 (1.8)	*** (***)
North Carolina	11 (1.1)	1 (0.5)	2 (2.1)	0 (1.0)!	39 (2.0)	11 (1.5)	11 (3.1)	11 (5.9)!
North Dakota	9 (1.0)	*** (***)	4 (2.2)	1 (1.4)!	40 (1.5)	*** (***)	22 (4.5)	15 (5.1)!
Pennsylvania†	8 (1.0)	1 (0.4)	1 (1.6)	*** (***)	36 (1.4)	7 (2.2)	11 (4.7)	*** (***)
Rhode Island†	9 (1.2)	3 (1.3)	2 (1.3)	*** (***)	37 (1.6)	11 (2.7)	12 (2.9)	*** (***)
South Carolina	7 (1.0)	1 (0.3)	1 (0.9)	*** (***)	31 (1.8)	6 (1.1)	8 (2.4)	*** (***)
Tennessee†	8 (1.1)	1 (0.6)	2 (2.4)	*** (***)	32 (1.7)	9 (2.7)	12 (5.4)	*** (***)
Texas	10 (1.2)	1 (0.7)	2 (0.7)	*** (***)	38 (2.2)	10 (2.6)	13 (1.4)	*** (***)
Utah	7 (0.9)	*** (***)	2 (1.1)	0 (0.6)	33 (1.7)	*** (***)	15 (2.7)	9 (4.3)
Virginia	10 (1.0)	1 (0.6)	4 (1.8)	*** (***)	35 (2.1)	8 (1.4)	20 (3.2)	*** (***)
Washington	7 (0.8)	1 (1.1)	1 (0.7)	4 (2.0)	31 (1.5)	11 (3.6)	9 (2.2)	20 (5.0)
West Virginia	6 (0.6)	2 (1.7)	1 (1.5)	*** (***)	28 (1.4)	13 (2.9)	11 (3.9)	*** (***)
Wisconsin†	8 (0.7)	0 (0.7)	1 (1.6)	*** (***)	39 (1.7)	9 (2.5)	14 (3.5)	*** (***)
Wyoming	6 (0.8)	*** (***)	3 (1.4)	2 (1.7)!	35 (1.4)	*** (***)	20 (2.6)	20 (5.0)!
Other Jurisdictions								
DoDEA Overseas	8 (1.2)	1 (0.6)	3 (1.0)	2 (2.5)	36 (1.7)	14 (2.1)	22 (2.5)	17 (4.8)
Guam	2 (1.7)	0 (0.6)	1 (0.5)	*** (***)	15 (3.4)	5 (3.1)	6 (1.1)	*** (***)

(continued on next page)

---

* The percentages for race/ethnicity may not add to 100% because a small percentage of students categorized themselves as "other."

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 6

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Race/Ethnicity**

Percentage of students...	**At or Above Basic Achievement Level**				**Below Basic Achievement Level**			
Which best describes your race or your ethnic background?	**White**	**Black**	**Hispanic**	**American Indian**	**White**	**Black**	**Hispanic**	**American Indian**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	69 (1.3)	30 (2.5)	33 (2.6)	47 (4.7)	31 (1.3)	70 (2.5)	67 (2.6)	53 (4.7)
Northeast	72 (3.3)	27 (2.7)	37 (4.9)	*** (***)	28 (3.3)	73 (2.7)	63 (4.9)	*** (***)
Southeast	65 (2.2)	32 (4.3)	26 (4.3)	*** (***)	35 (2.2)	68 (4.3)	74 (4.3)	*** (***)
Central	71 (3.0)	28 (8.6)	42 (10.1)	*** (***)	29 (3.0)	72 (8.6)	58 (10.1)	*** (***)
West	69 (2.1)	31 (4.1)!	32 (3.8)	*** (***)	31 (2.1)	69 (4.1)!	68 (3.8)	*** (***)
States								
Alabama	65 (1.9)	29 (1.8)	21 (5.1)	*** (***)	35 (1.9)	71 (1.8)	79 (5.1)	*** (***)
Arizona	65 (2.1)	31 (6.0)	34 (2.3)	27 (3.9)	35 (2.1)	69 (6.0)	66 (2.3)	73 (3.9)
Arkansas	64 (1.8)	25 (2.1)	36 (5.7)	*** (***)	36 (1.8)	75 (2.1)	64 (5.7)	*** (***)
California	59 (2.9)	31 (5.7)	22 (2.5)	*** (***)	41 (2.9)	69 (5.7)	78 (2.5)	*** (***)
Colorado	69 (1.6)	36 (7.2)	37 (2.7)	49 (6.0)	31 (1.6)	64 (7.2)	63 (2.7)	51 (6.0)
Connecticut	80 (1.6)	33 (4.6)	38 (3.6)	*** (***)	20 (1.6)	67 (4.6)	62 (3.6)	*** (***)
Delaware	62 (1.9)	33 (2.2)	34 (4.1)	*** (***)	38 (1.9)	67 (2.2)	66 (4.1)	*** (***)
Florida	64 (1.7)	28 (2.3)	35 (2.7)	*** (***)	36 (1.7)	72 (2.3)	65 (2.7)	*** (***)
Georgia	67 (2.0)	30 (3.2)	36 (4.8)	*** (***)	33 (2.0)	70 (3.2)	64 (4.8)	*** (***)
Hawaii	67 (2.6)	35 (5.2)	33 (3.0)	*** (***)	33 (2.6)	65 (5.2)	67 (3.0)	*** (***)
Indiana	71 (1.8)	34 (3.4)	46 (4.6)	*** (***)	29 (1.8)	66 (3.4)	54 (4.6)	*** (***)
Iowa	72 (1.5)	26 (5.8)!	49 (6.0)	*** (***)	28 (1.5)	74 (5.8)!	51 (6.0)	*** (***)
Kentucky	59 (1.5)	37 (4.7)	36 (4.8)	*** (***)	41 (1.5)	63 (4.7)	64 (4.8)	*** (***)
Louisiana	58 (1.9)	21 (1.9)<	22 (4.5)	*** (***)	42 (1.9)	79 (1.9)>	78 (4.5)	*** (***)
Maine	76 (1.7)	*** (***)	65 (5.6)	*** (***)	24 (1.7)	*** (***)	35 (5.6)	*** (***)
Maryland	69 (2.0)	31 (2.5)	39 (4.5)	*** (***)	31 (2.0)	69 (2.5)	61 (4.5)	*** (***)
Massachusetts	78 (1.3)	39 (4.0)	37 (4.0)	*** (***)	22 (1.3)	61 (4.0)	63 (4.0)	*** (***)
Minnesota	69 (1.3)	27 (6.1)	49 (4.1)	38 (7.3)	31 (1.3)	73 (6.1)	51 (4.1)	62 (7.3)
Mississippi	65 (2.6)	28 (2.1)	27 (4.0)	*** (***)	35 (2.6)	72 (2.1)	73 (4.0)	*** (***)
Missouri	68 (1.6)	36 (4.9)	43 (5.1)	58 (7.3)	32 (1.6)	64 (4.9)	57 (5.1)	42 (7.3)
Montana†	73 (1.6)	*** (***)	55 (5.1)	47 (5.4)	27 (1.6)	*** (***)	45 (5.1)	53 (5.4)
Nebraska†	70 (1.5)	34 (5.1)!	50 (5.8)	42 (7.0)	30 (1.5)	66 (5.1)!	50 (5.8)	58 (7.0)
New Hampshire†	71 (2.1)	*** (***)	59 (6.8)	*** (***)	29 (2.1)	*** (***)	41 (6.8)	*** (***)
New Jersey	78 (1.5)	35 (3.6)	44 (3.1)	*** (***)	22 (1.5)	65 (3.6)	56 (3.1)	*** (***)
New Mexico	63 (2.0)	39 (8.4)	41 (2.0)	30 (4.2)	37 (2.0)	61 (8.4)	59 (2.0)	70 (4.2)
New York	73 (1.9)	33 (2.6)	39 (3.3)	*** (***)	27 (1.9)	67 (2.6)	61 (3.3)	*** (***)
North Carolina	71 (1.7)	35 (2.1)	34 (5.3)	45 (5.8)!	29 (1.7)	65 (2.1)	66 (5.3)	55 (5.8)!
North Dakota	75 (1.3)	*** (***)	58 (5.1)	40 (7.7)!	25 (1.3)	*** (***)	42 (5.1)	60 (7.7)!
Pennsylvania†	70 (1.4)<	26 (4.1)	35 (5.4)	*** (***)	30 (1.4)>	74 (4.1)	65 (5.4)	*** (***)
Rhode Island†	72 (1.6)	39 (4.0)	38 (3.5)	*** (***)	28 (1.6)	61 (4.0)	62 (3.5)	*** (***)
South Carolina	66 (1.7)	25 (1.9)<	27 (4.0)	*** (***)	34 (1.7)	75 (1.9)>	73 (4.0)	*** (***)
Tennessee†	66 (2.3)	30 (2.8)	40 (8.6)	*** (***)	34 (2.3)	70 (2.8)	60 (8.6)	*** (***)
Texas	73 (2.4)	38 (4.7)	41 (2.6)	*** (***)	27 (2.4)	62 (4.7)	59 (2.6)	*** (***)
Utah	68 (1.8)	*** (***)	47 (3.4)	39 (10.6)	32 (1.8)	*** (***)	53 (3.4)	61 (10.6)
Virginia	70 (1.9)	31 (2.3)<	49 (4.7)	*** (***)	30 (1.9)	69 (2.3)>	51 (4.7)	*** (***)
Washington	64 (1.7)	41 (4.7)	36 (3.9)	51 (6.0)	36 (1.7)	59 (4.7)	64 (3.9)	49 (6.0)
West Virginia	59 (1.3)	44 (8.9)	39 (6.5)	*** (***)	41 (1.3)	56 (8.9)	61 (6.5)	*** (***)
Wisconsin†	76 (1.4)	39 (6.5)	46 (6.3)	*** (***)	24 (1.4)	61 (6.5)	54 (6.3)	*** (***)
Wyoming	71 (1.6)	*** (***)	53 (5.0)	55 (5.8)!	29 (1.6)	*** (***)	47 (5.0)	45 (5.8)!
Other Jurisdictions								
DoDEA Overseas	70 (1.8)	49 (3.1)	57 (3.2)	52 (8.0)	30 (1.8)	51 (3.1)	43 (3.2)	48 (8.0)
Guam	39 (3.9)	21 (5.8)	20 (2.1)	*** (***)	61 (3.9)	79 (5.8)	80 (2.1)	*** (***)

(continued on next page)

* The percentages for race/ethnicity may not add to 100% because a small percentage of students categorized themselves as "other."

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 6

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Race/Ethnicity***

THE NATION'S REPORT CARD
naep
1992
1994
Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level		At or Above Proficient Achievement Level		At or Above Basic Achievement Level		Below Basic Achievement Level	
Which best describes your race or your ethnic background?	Asian	Pacific Islander	Asian	Pacific Islander	Asian	Pacific Islander	Asian	Pacific Islander
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	15 (6.5)	6 (4.6)	45 (7.7)	33 (5.2)	77 (5.7)	63 (8.4)	23 (5.7)	37 (8.4)
Northeast	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Southeast	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Central	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
West	12 (5.0)!	*** (***)	40 (7.9)!	*** (***)	73 (9.8)!	*** (***)	27 (9.8)!	*** (***)
States								
Alabama	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Arizona	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Arkansas	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
California	9 (3.2)	2 (1.9)!	32 (5.0)	24 (6.3)!	55 (5.8)	58 (7.0)!	45 (5.8)	42 (7.0)!
Colorado	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Connecticut	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Delaware	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Florida	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Georgia	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Hawaii	9 (1.6)	1 (0.6)	33 (2.8)	11 (1.5)	65 (2.8)	35 (2.4)	35 (2.8)	65 (2.4)
Indiana	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Iowa	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Kentucky	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Louisiana	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Maine	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Maryland	13 (6.5)	*** (***)	49 (7.6)	*** (***)	79 (4.9)	*** (***)	21 (4.9)	*** (***)
Massachusetts	4 (3.9)!	*** (***)	16 (6.2)!	*** (***)	42 (9.5)!	*** (***)	58 (9.5)!	*** (***)
Minnesota	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Mississippi	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Missouri	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Montana†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Nebraska†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
New Hampshire†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
New Jersey	17 (6.6)	*** (***)	52 (5.8)	*** (***)	83 (5.1)	*** (***)	17 (5.1)	*** (***)
New Mexico	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
New York	13 (6.5)	*** (***)	46 (8.7)	*** (***)	75 (5.9)	*** (***)	25 (5.9)	*** (***)
North Carolina	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
North Dakota	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Pennsylvania†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Rhode Island†	4 (5.1)	*** (***)	19 (6.6)	*** (***)	45 (7.5)	*** (***)	55 (7.5)	*** (***)
South Carolina	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Tennessee†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Texas	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Utah	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Virginia	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Washington	9 (4.1)	6 (4.3)	33 (7.7)	19 (6.8)	65 (5.7)	51 (9.2)	35 (5.7)	49 (9.2)
West Virginia	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Wisconsin†	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Wyoming	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)	*** (***)
Other Jurisdictions								
DoDEA Overseas	10 (4.2)	5 (2.1)	34 (5.0)	23 (4.8)	64 (5.9)	57 (6.7)	36 (5.9)	43 (6.7)
Guam	2 (2.0)	1 (0.4)	9 (4.3)	8 (0.9)	28 (7.5)	28 (1.4)	72 (7.5)	72 (1.4)

* Due to significant changes in wording of the race/ethnicity question between the 1992 and 1994 assessments, the 1992 results for Asian and Pacific Islander students are not comparable to 1994 results. Therefore, 1992 results for these two subgroups are not presented.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 7

1992 and 1994 READING ASSESSMENT

POPULATIONS: 1992 and 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
BREAKDOWNS BY: Gender

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

NAEP assessment year...:	1992				1994			
What is your gender?	Male		Female		Male		Female	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	51 (0.7)	211 (1.3)	49 (0.7)	219 (1.1)	51 (0.7)	207 (1.3)	49 (0.7)	218 (1.2)
Northeast	50 (2.0)	217 (4.6)	50 (2.0)	223 (3.6)	50 (1.1)	207 (3.0)	50 (1.1)	216 (2.2)
Southeast	49 (1.3)	205 (2.9)	51 (1.3)	216 (2.5)	52 (1.8)	202 (2.5)	48 (1.8)	215 (2.2)
Central	54 (1.1)	216 (1.6)	46 (1.1)	220 (2.4)	53 (1.4)	212 (2.6)	47 (1.4)	225 (3.0)
West	52 (1.4)	207 (2.6)	48 (1.4)	216 (1.3)	51 (1.5)	207 (2.5)	49 (1.5)	217 (2.5)
States								
Alabama	52 (1.1)	204 (1.7)	48 (1.1)	211 (2.0)	51 (0.8)	203 (1.9)	49 (0.8)	213 (1.6)
Arizona	48 (1.0)	206 (1.5)	52 (1.0)	213 (1.4)	50 (1.0)	201 (2.2)	50 (1.0)	211 (2.1)
Arkansas	50 (1.0)	208 (1.5)	50 (1.0)	214 (1.4)	50 (1.3)	204 (1.9)	50 (1.3)	213 (1.8)
California	49 (1.1)	198 (2.3)	51 (1.1)	207 (2.1)	51 (1.2)	194 (1.9)	49 (1.2)	200 (2.2)<
Colorado	51 (1.0)	214 (1.3)	49 (1.0)	219 (1.4)	50 (0.9)	209 (1.8)	50 (0.9)	218 (1.5)
Connecticut	51 (1.3)	219 (1.5)	49 (1.3)	224 (1.6)	50 (1.1)	218 (1.8)	50 (1.1)	226 (2.0)
Delaware†	50 (1.1)	209 (1.2)	50 (1.1)	217 (1.0)	49 (1.2)	200 (2.1)<<	51 (1.2)	212 (1.5)<
Florida	51 (0.9)	205 (1.5)	49 (0.9)	211 (1.4)	49 (1.1)	199 (2.1)<	51 (1.1)	210 (1.8)
Georgia	51 (1.1)	210 (1.7)	49 (1.1)	215 (1.7)	48 (1.0)	201 (3.0)<	52 (1.0)	212 (2.2)
Hawaii	51 (0.9)	198 (2.0)	49 (0.9)	209 (1.7)	51 (1.0)	194 (2.1)	49 (1.0)	208 (1.7)
Indiana	50 (1.2)	219 (1.4)	50 (1.2)	224 (1.5)	49 (0.8)	216 (1.5)	51 (0.8)	223 (1.5)
Iowa	50 (0.8)	222 (1.3)	50 (0.8)	229 (1.1)	51 (1.0)	219 (1.6)	49 (1.0)	227 (1.5)
Kentucky	53 (1.0)	209 (1.6)	47 (1.0)	216 (1.4)	51 (1.1)	206 (1.8)	49 (1.1)	217 (2.0)
Louisiana	50 (0.9)	200 (1.5)	50 (0.9)	207 (1.3)	49 (1.0)	193 (1.6)<	51 (1.0)	200 (1.7)<
Maine†	48 (1.4)	225 (1.1)	52 (1.4)	229 (1.4)	50 (1.3)	225 (1.6)	50 (1.3)	231 (1.6)
Maryland	49 (1.0)	207 (1.8)	51 (1.0)	215 (1.8)	52 (1.0)	205 (1.8)	48 (1.0)	214 (1.8)
Massachusetts	50 (0.9)	225 (1.2)	50 (0.9)	227 (1.1)	50 (0.9)	221 (1.5)	50 (0.9)	226 (1.5)
Minnesota	51 (1.3)	217 (1.5)	49 (1.3)	225 (1.3)	51 (0.9)	214 (1.5)	49 (0.9)	223 (1.9)
Mississippi	52 (1.0)	196 (1.8)	48 (1.0)	202 (1.3)	49 (0.8)<	196 (1.6)	51 (0.8)>	207 (1.9)
Missouri	50 (0.9)	217 (1.4)	50 (0.9)	223 (1.5)	51 (1.2)	213 (1.9)	49 (1.2)	221 (1.8)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	51 (1.0)	218 (1.6)	49 (1.0)	227 (1.7)
Nebraska†	52 (1.3)	218 (1.4)	48 (1.3)	225 (1.3)	51 (1.3)	216 (1.5)	49 (1.3)	224 (1.9)
New Hampshire†	51 (1.0)	224 (1.4)	49 (1.0)	231 (1.2)	50 (1.6)	218 (1.6)<	50 (1.6)	229 (1.8)
New Jersey†	50 (1.1)	220 (1.7)	50 (1.1)	226 (1.7)	49 (1.0)	216 (1.5)	51 (1.0)	222 (1.3)
New Mexico	50 (0.8)	209 (1.5)	50 (0.8)	213 (1.8)	48 (0.9)	201 (2.1)<	52 (0.9)	208 (1.8)
New York†	52 (1.1)	212 (1.9)	48 (1.1)	218 (1.7)	50 (1.0)	207 (1.8)	50 (1.0)	216 (1.6)
North Carolina	51 (0.9)	209 (1.4)	49 (0.9)	214 (1.3)	51 (1.1)	209 (1.7)	49 (1.1)	220 (1.8)>
North Dakota	51 (1.2)	224 (1.4)	49 (1.2)	227 (1.4)	50 (0.8)	221 (1.5)	50 (0.8)	230 (1.5)
Pennsylvania†	48 (1.2)	218 (1.5)	52 (1.2)	223 (1.4)	50 (0.9)	211 (1.8)<	50 (0.9)	220 (1.9)
Rhode Island†	51 (1.3)	215 (2.1)	49 (1.3)	218 (2.0)	49 (1.5)	215 (1.5)	51 (1.5)	225 (1.5)>
South Carolina	48 (0.9)	206 (1.5)	52 (0.9)	213 (1.5)	51 (0.9)>	199 (1.7)<	49 (0.9)<	208 (1.6)<
Tennessee†	50 (1.1)	209 (1.6)	50 (1.1)	215 (1.6)	49 (1.0)	208 (2.1)	51 (1.0)	217 (1.9)
Texas	52 (1.2)	209 (1.7)	48 (1.2)	216 (1.8)	50 (1.2)	210 (2.0)	50 (1.2)	214 (2.1)
Utah	48 (1.0)	217 (1.5)	52 (1.0)	224 (1.2)	50 (1.1)	213 (1.7)	50 (1.1)	222 (1.3)
Virginia	51 (0.9)	217 (1.8)	49 (0.9)	225 (1.4)	50 (1.0)	208 (1.8)<<	50 (1.0)	219 (1.5)<
Washington	--- (---)	--- (---)	--- (---)	--- (---)	52 (0.8)	209 (1.8)	48 (0.8)	217 (1.7)
West Virginia	51 (0.8)	211 (1.4)	49 (0.8)	220 (1.6)	51 (1.1)	208 (1.4)	49 (1.1)	218 (1.4)
Wisconsin†	50 (0.9)	221 (1.2)	50 (0.9)	226 (1.2)	49 (1.1)	221 (1.2)	51 (1.1)	227 (1.5)
Wyoming	51 (0.9)	220 (1.5)	49 (0.9)	226 (1.0)	51 (1.1)	218 (1.3)	49 (1.1)	224 (1.6)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	50 (0.9)	213 (1.3)	50 (0.9)	223 (1.0)
Guam	52 (1.2)	175 (1.9)	48 (1.2)	190 (1.5)	51 (1.2)	172 (1.4)	49 (1.2)	190 (1.7)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 8

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Gender**

Purpose for Reading...	**Reading for Literary Experience**		**Reading to Gain Information**	
What is your gender?	**Male**	**Female**	**Male**	**Female**
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation				
Nation	213 (1.5)	222 (1.0)	209 (1.5)	215 (1.4)
Northeast	219 (4.2)	226 (3.1)	215 (5.3)	219 (4.3)
Southeast	206 (3.1)	219 (2.3)	203 (2.9)	213 (2.9)
Central	217 (2.0)	222 (2.6)	215 (1.7)	218 (2.4)
West	211 (2.6)	221 (1.4)	203 (3.0)	211 (1.6)
States				
Alabama	207 (1.9)	213 (2.0)	200 (1.8)	209 (2.1)
Arizona	207 (1.5)	216 (1.4)	203 (1.8)	209 (1.9)
Arkansas	208 (1.7)	216 (1.5)	207 (1.7)	212 (1.6)
California	201 (2.4)	211 (2.2)	194 (2.6)	202 (2.3)
Colorado	217 (1.4)	224 (1.4)	210 (1.7)	214 (1.7)
Connecticut	221 (1.6)	228 (1.7)	217 (1.8)	220 (1.8)
Delaware†	209 (1.1)	218 (0.8)	209 (1.4)	216 (1.5)
Florida	207 (1.4)	215 (1.5)	203 (1.9)	207 (1.5)
Georgia	212 (1.8)	218 (1.8)	207 (1.9)	211 (2.0)
Hawaii	202 (1.9)	211 (1.8)	194 (2.3)	206 (1.8)
Indiana	220 (1.5)	228 (1.7)	217 (1.6)	219 (1.5)
Iowa	222 (1.4)	232 (1.1)	222 (1.7)	226 (1.8)
Kentucky	211 (1.6)	220 (1.5)	206 (1.7)	212 (1.6)
Louisiana	203 (1.7)	212 (1.3)	197 (1.6)	202 (1.5)
Maine†	226 (1.2)	231 (1.6)	223 (1.4)	227 (1.6)
Maryland	209 (2.1)	219 (1.9)	203 (2.0)	211 (1.8)
Massachusetts	227 (1.3)	229 (1.4)	222 (1.3)	225 (1.4)
Minnesota	218 (1.6)	228 (1.5)	217 (1.6)	221 (1.3)
Mississippi	197 (1.9)	205 (1.6)	195 (1.9)	200 (1.2)
Missouri	220 (1.4)	224 (1.3)	215 (1.7)	221 (1.9)
Montana	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	219 (1.4)	228 (1.4)	216 (1.8)	221 (1.7)
New Hampshire†	225 (1.5)	234 (1.1)	223 (1.6)	228 (1.4)
New Jersey†	222 (1.7)	227 (1.9)	218 (2.0)	224 (2.0)
New Mexico	210 (2.0)	217 (2.0)	207 (1.9)	208 (1.9)
New York†	214 (1.9)	221 (1.5)	209 (2.3)	214 (2.2)
North Carolina	210 (1.5)	218 (1.5)	207 (1.6)	211 (1.6)
North Dakota	227 (1.4)	230 (1.5)	221 (1.7)	224 (1.7)
Pennsylvania	219 (1.5)	227 (1.4)	216 (1.9)	219 (1.7)
Rhode Island	216 (2.1)	222 (2.0)	213 (2.3)	213 (2.2)
South Carolina	210 (1.5)	217 (1.7)	201 (2.0)	208 (1.8)
Tennessee	211 (1.5)	218 (1.7)	207 (2.0)	211 (1.8)
Texas	211 (1.6)	220 (1.8)	207 (2.0)	212 (2.2)
Utah	219 (1.6)	226 (1.4)	215 (1.5)	220 (1.4)
Virginia	219 (1.9)	227 (1.6)	214 (1.8)	221 (1.4)
Washington	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	213 (1.5)	222 (1.6)	209 (1.5)	217 (1.9)
Wisconsin	223 (1.3)	229 (1.3)	218 (1.3)	223 (1.4)
Wyoming	224 (1.5)	230 (1.0)	215 (1.7)	221 (1.3)
Other Jurisdictions				
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)
Guam	180 (2.1)	195 (1.8)	169 (1.8)	184 (1.7)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*)

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 8

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Average Reading Proficiency by Purposes for Reading (Reading Subscales)
BREAKDOWNS BY: Gender

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Purpose for Reading...	Reading for Literary Experience		Reading to Gain Information	
What is your gender?	Male	Female	Male	Female
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation				
Nation	208 (1.4)<	221 (1.3)	206 (1.5)	214 (1.2)
Northeast	209 (3.1)	220 (2.2)	206 (3.3)	211 (2.4)
Southeast	203 (2.7)	219 (2.5)	200 (2.7)	210 (2.1)
Central	214 (2.6)	228 (3.3)	210 (2.9)	221 (3.2)
West	206 (2.7)	220 (2.8)	207 (2.4)	214 (2.6)
States				
Alabama	205 (1.9)	216 (1.6)	202 (2.3)	209 (2.1)
Arizona	204 (2.2)	216 (2.0)	198 (2.6)	206 (2.5)
Arkansas	206 (2.0)	215 (1.9)	202 (2.4)	210 (2.1)
California	196 (1.9)	204 (2.1)	191 (2.6)	195 (2.7)
Colorado	212 (1.7)	222 (1.5)	205 (2.0)	213 (1.7)
Connecticut	218 (1.9)	229 (2.3)	218 (2.3)	224 (2.3)
Delaware	202 (2.4)<	217 (1.7)	198 (2.4)<<	207 (1.6)<<
Florida	200 (2.3)<	214 (2.3)	198 (2.3)	206 (2.0)
Georgia	200 (3.0)<	215 (2.4)	202 (3.2)	210 (2.4)
Hawaii	195 (2.1)	211 (1.9)	194 (2.3)	203 (2.1)
Indiana	217 (1.6)	226 (1.7)	216 (1.8)	219 (1.5)
Iowa	220 (1.6)	230 (1.6)	217 (1.9)	224 (1.8)
Kentucky	207 (2.2)	219 (2.2)	206 (2.1)	214 (2.1)
Louisiana	194 (1.8)<<	203 (1.9)<<	193 (1.7)	197 (1.8)
Maine	227 (1.8)	234 (1.5)	223 (1.8)	228 (1.9)
Maryland	207 (1.7)	218 (2.0)	203 (2.4)	210 (2.0)
Massachusetts	223 (1.7)	227 (1.5)	218 (1.8)	223 (1.7)
Minnesota	215 (1.7)	225 (2.1)	213 (1.6)	219 (2.2)
Mississippi	196 (2.1)	209 (2.1)	195 (1.8)	205 (2.2)
Missouri	214 (2.0)<	224 (2.0)	211 (2.0)	218 (2.0)
Montana†	219 (1.9)	231 (1.8)	217 (1.7)	222 (1.9)
Nebraska†	216 (1.6)	227 (2.0)	215 (1.7)	221 (2.0)
New Hampshire†	221 (1.9)	231 (1.9)	214 (2.0)<	226 (2.3)
New Jersey	218 (1.8)	225 (1.5)	215 (1.8)	219 (1.6)
New Mexico	203 (2.2)	212 (1.9)	198 (2.4)<	203 (1.9)
New York	210 (1.9)	218 (1.9)	204 (2.0)	213 (1.9)
North Carolina	210 (1.7)	222 (2.0)	208 (1.9)	217 (2.0)
North Dakota	221 (2.0)	232 (1.6)	221 (1.6)	227 (1.6)
Pennsylvania†	212 (1.9)<	222 (2.0)	210 (2.0)<	217 (2.1)
Rhode Island†	216 (1.5)	226 (1.8)	214 (2.0)	222 (1.9)>
South Carolina	201 (1.9)<<	210 (1.7)<	198 (1.9)	204 (1.8)
Tennessee†	209 (2.2)	219 (1.9)	207 (2.3)	215 (2.3)
Texas	211 (2.3)	217 (2.3)	210 (2.0)	211 (2.2)
Utah	216 (1.8)	228 (1.7)	209 (2.2)	215 (1.6)<
Virginia	208 (1.9)<<	223 (1.7)	208 (2.0)	214 (1.7)<
Washington	210 (1.8)	222 (1.8)	208 (2.0)	211 (2.0)
West Virginia	209 (1.6)	221 (1.5)	207 (1.6)	214 (1.6)
Wisconsin†	221 (1.4)	229 (1.6)	221 (1.7)	225 (1.7)
Wyoming	220 (1.3)	228 (1.6)	216 (1.6)	220 (1.8)
Other Jurisdictions				
DoDEA Overseas	213 (1.4)	226 (1.0)	212 (1.6)	218 (1.2)
Guam	174 (1.5)	194 (1.9)	170 (1.5)	184 (1.6)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 9

1992 READING ASSESSMENT

POPULATION: 1992 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students by Achievement Levels
BREAKDOWNS BY: Gender

Percentage of students...	At or Above Advanced Achievement Level		At or Above Proficient Achievement Level		At or Above Basic Achievement Level		Below Basic Achievement Level	
What is your gender?	Male	Female	Male	Female	Male	Female	Male	Female
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	5 (0.7)	7 (0.9)	24 (1.5)	30 (1.5)	56 (1.7)	65 (1.5)	44 (1.7)	35 (1.5)
Northeast	8 (3.0)	10 (3.0)	30 (5.7)	35 (4.6)	61 (5.0)	68 (4.2)	39 (5.0)	32 (4.2)
Southeast	3 (0.8)	5 (1.2)	18 (2.4)	25 (3.2)	48 (4.0)	62 (3.8)	52 (4.0)	38 (3.8)
Central	5 (1.4)	7 (1.7)	27 (2.8)	30 (2.6)	62 (2.7)	67 (3.6)	38 (2.7)	33 (3.6)
West	3 (0.9)	6 (1.7)	21 (2.3)	29 (2.3)	51 (2.8)	62 (2.0)	49 (2.8)	38 (2.0)
States								
Alabama	2 (0.6)	4 (0.6)	17 (1.6)	23 (2.0)	48 (2.1)	55 (2.5)	52 (2.1)	45 (2.5)
Arizona	2 (0.5)	4 (0.7)	17 (1.4)	24 (1.6)	50 (2.2)	58 (2.0)	50 (2.2)	42 (2.0)
Arkansas	3 (0.6)	4 (0.8)	20 (1.3)	25 (1.8)	52 (2.1)	59 (1.9)	48 (2.1)	41 (1.9)
California	2 (0.6)	5 (1.2)	16 (2.0)	22 (1.9)	43 (2.4)	52 (2.6)	57 (2.4)	48 (2.6)
Colorado	3 (0.6)	5 (0.7)	22 (1.6)	29 (1.9)	61 (2.1)	67 (2.1)	39 (2.1)	33 (2.1)
Connecticut	5 (0.8)	8 (1.6)	30 (1.9)	37 (1.8)	66 (2.2)	71 (2.2)	34 (2.2)	29 (2.2)
Delaware†	3 (0.7)	6 (1.0)	21 (1.6)	27 (1.3)	53 (1.6)	62 (1.9)	47 (1.6)	38 (1.9)
Florida	3 (0.7)	3 (0.6)	20 (1.4)	23 (1.3)	49 (2.0)	56 (1.9)	51 (2.0)	44 (1.9)
Georgia	4 (0.7)	6 (1.1)	23 (1.5)	27 (1.9)	54 (2.2)	60 (2.1)	46 (2.2)	40 (2.1)
Hawaii	2 (0.6)	3 (0.7)	14 (1.4)	20 (1.8)	43 (2.2)	53 (2.2)	57 (2.2)	47 (2.2)
Indiana	5 (0.7)	6 (1.4)	28 (1.6)	32 (2.0)	64 (2.0)	71 (2.1)	36 (2.0)	29 (2.1)
Iowa	5 (0.7)	9 (1.2)	32 (2.0)	40 (1.9)	69 (1.9)	77 (1.4)	31 (1.9)	23 (1.4)
Kentucky	3 (0.8)	4 (0.7)	21 (1.9)	25 (1.9)	54 (2.0)	62 (2.0)	46 (2.0)	38 (2.0)
Louisiana	2 (0.6)	2 (0.5)	14 (1.5)	17 (1.4)	42 (2.2)	50 (1.9)	58 (2.2)	50 (1.9)
Maine†	5 (0.8)	8 (1.4)	34 (1.8)	38 (2.3)	73 (2.3)	78 (1.9)	27 (2.3)	22 (1.9)
Maryland	3 (0.8)	5 (0.9)	20 (1.5)	28 (1.9)	51 (2.1)	62 (2.5)	49 (2.1)	38 (2.5)
Massachusetts	5 (0.7)	8 (1.2)	34 (2.3)	38 (1.6)	73 (1.4)	75 (1.8)	27 (1.4)	25 (1.8)
Minnesota	4 (0.7)	8 (0.9)	27 (1.5)	36 (2.4)	65 (2.0)	71 (1.8)	35 (2.0)	29 (1.8)
Mississippi	1 (0.4)	2 (0.5)	12 (1.1)	15 (1.2)	39 (2.2)	44 (2.2)	61 (2.2)	56 (2.2)
Missouri	4 (0.7)	7 (1.0)	27 (1.9)	33 (2.0)	64 (2.0)	70 (2.0)	36 (2.0)	30 (2.0)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	4 (1.0)	7 (1.0)	27 (1.5)	34 (2.5)	64 (2.0)	73 (1.7)	36 (2.0)	27 (1.7)
New Hampshire†	7 (1.1)	9 (1.4)	34 (1.9)	42 (1.7)	72 (2.2)	80 (1.9)	28 (2.2)	20 (1.9)
New Jersey†	6 (1.1)	9 (1.6)	31 (2.1)	38 (2.5)	66 (2.2)	72 (2.3)	34 (2.2)	28 (2.3)
New Mexico	4 (0.8)	4 (0.9)	21 (1.8)	24 (2.3)	52 (2.1)	57 (2.0)	48 (2.1)	43 (2.0)
New York†	4 (0.8)	5 (0.7)	24 (1.8)	29 (1.6)	59 (2.0)	64 (2.2)	41 (2.0)	36 (2.2)
North Carolina	5 (0.8)	6 (0.9)	23 (1.4)	26 (1.7)	53 (1.8)	59 (1.9)	47 (1.8)	41 (1.9)
North Dakota	5 (1.2)	7 (1.1)	33 (2.2)	37 (2.1)	72 (2.4)	76 (2.2)	28 (2.4)	24 (2.2)
Pennsylvania	5 (0.8)	7 (1.1)	29 (2.4)	34 (1.7)	64 (2.1)	71 (1.9)	36 (2.1)	29 (1.9)
Rhode Island	5 (0.7)	6 (1.0)	26 (1.8)	30 (2.3)	61 (2.9)	65 (2.3)	39 (2.9)	35 (2.3)
South Carolina	3 (0.7)	5 (1.0)	19 (1.4)	24 (1.9)	49 (2.2)	57 (2.3)	51 (2.2)	43 (2.3)
Tennessee	3 (0.9)	5 (0.8)	21 (1.9)	26 (1.9)	53 (1.9)	60 (2.0)	47 (1.9)	40 (2.0)
Texas	3 (1.0)	5 (0.8)	20 (1.9)	27 (2.4)	53 (2.4)	60 (2.4)	47 (2.4)	40 (2.4)
Utah	4 (0.5)	6 (1.0)	27 (2.0)	33 (1.9)	63 (2.1)	71 (1.9)	37 (2.1)	29 (1.9)
Virginia	5 (0.9)	7 (1.2)	28 (1.9)	35 (1.9)	62 (2.5)	72 (1.8)	38 (2.5)	28 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	3 (0.7)	6 (1.2)	21 (1.6)	30 (1.9)	57 (1.6)	65 (1.8)	43 (1.6)	35 (1.8)
Wisconsin	5 (1.0)	7 (0.8)	30 (1.7)	37 (1.8)	68 (1.6)	73 (1.8)	32 (1.6)	27 (1.8)
Wyoming	5 (0.7)	6 (0.8)	30 (2.2)	35 (1.5)	67 (2.2)	75 (1.6)	33 (2.2)	25 (1.6)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	0 (0.2)	1 (0.5)	5 (1.0)	11 (1.6)	22 (1.4)	33 (1.8)	78 (1.4)	67 (1.8)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 9 1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Gender**

Percentage of students...	At or Above Advanced Achievement Level		At or Above Proficient Achievement Level		At or Above Basic Achievement Level		Below Basic Achievement Level	
What is your gender?	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation								
Nation	6 (0.8)	8 (0.9)	24 (1.3)	32 (1.6)	53 (1.5)	64 (1.3)	47 (1.5)	36 (1.3)
Northeast	7 (2.1)	7 (1.8)	25 (3.4)	31 (2.6)	53 (2.9)	63 (3.0)	47 (2.9)	37 (3.0)
Southeast	4 (0.9)	7 (1.0)	20 (2.3)	27 (3.1)	46 (2.8)	59 (3.0)	54 (2.8)	41 (3.0)
Central	6 (1.7)	9 (1.9)	27 (2.9)	39 (4.2)	59 (3.1)	71 (3.6)	41 (3.1)	29 (3.6)
West	6 (1.1)	9 (1.2)	25 (1.9)	32 (2.8)	54 (3.0)	64 (2.6)	46 (3.0)	36 (2.6)
States								
Alabama	4 (0.7)	6 (1.1)	20 (1.6)	26 (1.9)	48 (2.0)	57 (2.0)	52 (2.0)	43 (2.0)
Arizona	4 (0.9)	8 (1.0)>	20 (2.0)	28 (2.0)	47 (2.6)	56 (1.9)	53 (2.6)	44 (1.9)
Arkansas	3 (0.7)	6 (0.7)	21 (1.6)	27 (1.7)	49 (1.8)	58 (2.0)	51 (1.8)	42 (2.0)
California	3 (0.6)	4 (0.9)	15 (1.6)	20 (2.1)	41 (2.2)	48 (2.4)	59 (2.2)	52 (2.4)
Colorado	5 (0.8)	7 (1.0)	25 (2.0)	31 (2.0)	55 (2.1)	64 (1.8)	45 (2.1)	36 (1.8)
Connecticut	8 (1.1)>	14 (1.7)	34 (1.9)	43 (2.3)	65 (2.2)	71 (2.1)	35 (2.2)	29 (2.1)
Delaware	4 (0.8)	6 (1.4)	19 (1.9)	27 (1.3)	46 (2.5)	59 (1.6)	54 (2.5)	41 (1.6)
Florida	4 (0.9)	7 (0.9)>	19 (1.7)	26 (1.8)	45 (2.6)	55 (1.9)	55 (2.6)	45 (1.9)
Georgia	6 (1.3)	7 (1.1)	23 (2.2)	28 (2.4)	47 (2.7)	57 (2.5)	53 (2.7)	43 (2.5)
Hawaii	3 (0.7)	5 (0.7)	16 (1.4)	22 (2.0)	41 (2.1)	52 (2.1)	59 (2.1)	48 (2.1)
Indiana	6 (0.9)	8 (1.0)	29 (1.6)	36 (1.8)	63 (1.9)	69 (2.0)	37 (1.9)	31 (2.0)
Iowa	6 (1.0)	10 (1.4)	30 (1.9)	40 (1.9)	66 (2.2)	73 (1.6)	34 (2.2)	27 (1.6)
Kentucky	4 (0.9)	8 (1.2)>	22 (1.8)	29 (2.6)	51 (1.9)	62 (2.3)	49 (1.9)	38 (2.3)
Louisiana	2 (0.8)	3 (0.6)	13 (1.2)	16 (1.4)	38 (1.8)	43 (2.1)	62 (1.8)	57 (2.1)
Maine	8 (1.0)	12 (1.7)	38 (2.1)	44 (2.1)	72 (2.1)	78 (1.8)	28 (2.1)	22 (1.8)
Maryland	5 (0.7)	8 (0.9)	23 (1.8)	30 (1.7)	51 (1.9)	60 (2.1)	49 (1.9)	40 (2.1)
Massachusetts	7 (1.4)	9 (1.5)	33 (2.1)	39 (2.1)	67 (1.8)<	72 (1.8)	33 (1.8)>	28 (1.8)
Minnesota	5 (0.9)	10 (1.3)	28 (1.9)	37 (2.1)	61 (1.8)	69 (2.2)	39 (1.8)	31 (2.2)
Mississippi	3 (0.5)	5 (0.8)>	14 (1.4)	21 (1.7)>	40 (1.8)	50 (2.2)	60 (1.8)	50 (2.2)
Missouri	6 (1.3)	9 (1.1)	28 (2.2)	34 (2.3)	58 (2.3)	66 (2.1)	42 (2.3)	34 (2.1)
Montana†	6 (0.8)	9 (1.0)	30 (2.0)	40 (2.0)	64 (2.0)	74 (2.2)	36 (2.0)	26 (2.2)
Nebraska†	6 (0.7)	11 (1.7)	30 (2.0)	39 (2.2)	63 (1.9)	69 (2.4)	37 (1.9)	31 (2.4)
New Hampshire†	6 (0.8)	12 (1.6)	30 (1.7)	42 (2.4)	65 (2.3)	76 (2.2)	35 (2.3)	24 (2.2)
New Jersey	7 (1.4)	10 (1.0)	29 (1.6)	37 (2.2)	63 (1.9)	67 (1.7)	37 (1.9)	33 (1.7)
New Mexico	3 (0.7)	6 (0.8)	17 (1.7)	24 (1.9)	46 (2.3)	52 (1.9)	54 (2.3)	48 (1.9)
New York	5 (1.0)	8 (1.1)	24 (1.9)	31 (1.9)	53 (2.4)	62 (1.8)	47 (2.4)	38 (1.8)
North Carolina	5 (0.8)	10 (1.3)>	26 (1.8)	34 (2.1)>	54 (1.9)	64 (1.8)	46 (1.9)	36 (1.8)
North Dakota	6 (1.3)	10 (1.1)	33 (2.5)	42 (2.2)	69 (1.8)	76 (1.6)	31 (1.8)	24 (1.6)
Pennsylvania†	5 (1.1)	9 (1.1)	25 (1.9)	35 (2.0)	57 (2.0)	65 (2.0)	43 (2.0)	35 (2.0)
Rhode Island†	5 (1.0)	10 (1.5)	27 (1.8)	37 (1.9)	61 (2.0)	69 (2.1)	39 (2.0)	31 (2.1)
South Carolina	3 (0.6)	5 (1.0)	17 (1.4)	23 (1.8)	44 (1.9)	52 (1.8)	56 (1.9)	48 (1.8)
Tennessee†	5 (0.8)	7 (1.4)	23 (1.7)	30 (2.2)	53 (2.4)	62 (2.4)	47 (2.4)	38 (2.1)
Texas	5 (1.1)	7 (0.9)	24 (2.1)	28 (2.4)	56 (2.6)	59 (2.5)	44 (2.6)	41 (2.5)
Utah	5 (0.8)	8 (1.1)	26 (1.8)	34 (2.3)	59 (2.4)	69 (1.9)	41 (2.4)	31 (1.9)
Virginia	6 (0.9)	9 (1.1)	21 (2.1)	32 (1.8)	52 (2.3)<	63 (2.0)<	48 (2.3)>	37 (2.0)>
Washington	5 (0.7)	7 (1.1)	24 (1.7)	29 (1.5)	55 (1.9)	62 (2.1)	45 (1.9)	38 (2.1)
West Virginia	4 (0.7)	7 (1.0)	22 (1.7)	30 (1.8)	53 (1.9)	63 (1.8)	47 (1.9)	37 (1.8)
Wisconsin†	5 (0.8)	9 (1.3)	31 (2.0)	39 (2.3)	67 (2.1)	75 (1.9)	33 (2.1)	25 (1.9)
Wyoming	4 (0.7)	7 (0.9)	28 (1.5)	36 (2.0)	66 (2.1)	71 (2.0)	34 (2.1)	29 (2.0)
Other Jurisdictions								
DoDEA Overseas	4 (0.7)	8 (1.1)	22 (1.5)	34 (1.5)	57 (2.4)	68 (1.3)	43 (2.4)	32 (1.3)
Guam	1 (0.3)	2 (0.5)	5 (0.9)	11 (1.2)	20 (1.0)	35 (2.0)	80 (1.0)	65 (2.0)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 10

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Type of Location**

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

Type of location...	Central City		Urban Fringe/Large Town		Rural/Small Town	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation*						
Nation	32 (2.8)	207 (1.5)	41 (3.5)	219 (2.2)	27 (2.6)	217 (2.5)
States						
Alabama	34 (2.9)	206 (3.4)	26 (4.2)	213 (3.2)	39 (3.7)	204 (2.4)
Arizona	57 (2.5)	213 (1.1)	25 (3.4)	210 (3.1)	19 (2.1)	199 (4.5)
Arkansas	23 (3.1)	209 (4.0)	15 (4.1)	215 (2.3)!	63 (3.2)	211 (1.5)
California	47 (4.0)	200 (2.8)	47 (4.1)	203 (3.5)	7 (2.4)	*** (***)
Colorado	33 (3.1)	211 (2.0)	47 (3.8)	220 (1.7)	20 (2.3)	218 (2.7)
Connecticut	30 (3.1)	204 (3.8)	46 (4.6)	229 (1.8)	24 (4.1)	230 (1.9)
Delaware†	46 (0.2)	213 (0.9)	30 (0.1)	213 (1.1)	24 (0.1)	212 (1.3)
Florida	33 (4.4)	202 (3.5)	56 (4.9)	212 (1.6)	11 (2.3)	209 (2.2)!
Georgia	24 (2.7)	203 (3.9)	38 (3.7)	219 (2.3)	38 (2.8)	211 (1.8)
Hawaii	26 (1.7)	209 (3.2)	41 (3.6)	199 (2.8)	32 (3.1)	204 (2.1)
Indiana	37 (2.7)	217 (2.9)	31 (3.5)	225 (1.8)	33 (2.7)	222 (1.9)
Iowa	27 (2.3)	224 (2.2)	17 (3.1)	231 (2.1)	56 (3.0)	224 (1.3)
Kentucky	18 (2.3)	215 (3.4)	25 (3.2)	217 (3.5)	57 (2.9)	210 (1.3)
Louisiana	34 (2.2)	200 (2.8)	34 (3.6)	207 (1.9)	32 (3.6)	204 (1.9)
Maine†	9 (2.4)	*** (***)	13 (3.6)	228 (2.5)!	77 (4.0)	227 (1.4)
Maryland	27 (2.8)	200 (4.4)	66 (3.2)	216 (1.7)	7 (1.8)	*** (***)
Massachusetts	27 (2.4)	210 (2.2)	59 (3.2)	232 (1.1)	14 (2.8)	229 (2.6)!
Minnesota	16 (3.0)	212 (4.0)	52 (3.9)	224 (1.6)	33 (2.7)	220 (1.8)
Mississippi	12 (1.7)	198 (3.5)	19 (3.7)	208 (3.5)	68 (3.6)	197 (1.8)
Missouri	19 (2.7)	209 (4.0)	40 (3.7)	223 (2.1)	41 (2.8)	222 (1.2)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	34 (2.5)	222 (1.7)	9 (2.6)	222 (3.7)!	56 (2.6)	221 (1.6)
New Hampshire†	19 (3.3)	229 (2.1)	44 (5.0)	229 (2.1)	37 (4.2)	225 (2.0)
New Jersey†	15 (2.7)	194 (3.9)	82 (2.9)	228 (1.6)	3 (1.7)	*** (***)
New Mexico	34 (2.9)	214 (2.1)	29 (4.2)	210 (3.1)	37 (4.9)	208 (2.1)
New York†	41 (2.2)	199 (3.0)	47 (3.4)	225 (1.5)	12 (3.1)	225 (2.4)!
North Carolina	35 (2.9)	214 (3.0)	25 (3.9)	212 (2.4)	40 (3.9)	209 (1.7)
North Dakota	25 (2.4)	228 (2.3)	14 (2.0)	226 (2.4)	62 (3.0)	224 (1.5)
Pennsylvania	28 (3.8)	207 (4.0)	49 (4.7)	226 (1.6)	22 (4.1)	225 (1.6)
Rhode Island	35 (3.1)	208 (2.6)	47 (3.7)	218 (3.1)	18 (3.6)	231 (2.6)!
South Carolina	29 (3.3)	209 (2.8)	26 (3.3)	218 (2.2)	45 (3.2)	205 (1.9)
Tennessee	39 (3.0)	208 (2.7)	28 (3.9)	218 (2.7)	32 (3.1)	213 (1.9)
Texas	47 (4.1)	209 (2.5)	35 (4.2)	219 (2.7)	19 (3.8)	209 (4.6)!
Utah	25 (3.4)	219 (2.5)	52 (4.0)	220 (1.5)	23 (2.4)	222 (1.6)
Virginia	34 (2.9)	217 (2.3)	41 (4.0)	227 (2.3)	24 (3.0)	214 (2.0)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	13 (1.4)	216 (4.3)	28 (3.9)	218 (2.2)	59 (3.5)	214 (1.8)
Wisconsin	31 (2.4)	222 (2.1)	28 (3.3)	225 (1.6)	40 (3.0)	224 (1.8)
Wyoming	24 (2.1)	221 (3.0)	5 (1.2)	*** (***)	72 (1.9)	224 (1.1)
Other Jurisdictions**						

(continued on next page)

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 10

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Type of Location**

Type of location...	**Central City**		**Urban Fringe/Large Town**		**Rural/Small Town**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation*						
Nation	34 (2.1)	203 (2.4)	43 (2.5)	219 (1.9)	23 (2.3)	213 (1.8)
States						
Alabama	34 (2.3)	205 (3.0)	24 (3.6)	216 (3.0)	43 (3.2)	206 (1.7)
Arizona	59 (2.5)	207 (2.3)	29 (3.2)	207 (3.4)	12 (2.2)	199 (5.6)
Arkansas	28 (3.3)	207 (3.8)	18 (4.0)	212 (4.1)!	54 (3.5)	208 (1.8)
California	39 (3.1)	190 (3.6)<	56 (4.0)	202 (2.3)	5 (2.5)	*** (***)
Colorado	35 (2.5)	209 (2.5)	45 (2.6)	216 (2.3)	20 (2.4)	217 (2.5)
Connecticut	34 (3.7)	204 (4.3)	41 (4.9)	228 (1.6)	25 (4.8)	238 (2.5)>
Delaware	48 (0.2)>>	207 (1.2)<<	28 (0.2)<<	206 (2.3)<	24 (0.1)<<	206 (2.5)
Florida	33 (4.2)	199 (3.3)	56 (4.8)	210 (2.5)	10 (2.3)	198 (4.3)!
Georgia	19 (2.1)	195 (5.7)	43 (4.1)	213 (4.8)	38 (3.5)	206 (2.6)
Hawaii	27 (1.3)	210 (3.9)	39 (2.3)	198 (2.0)	34 (2.2)	197 (2.5)
Indiana	36 (3.2)	210 (2.6)	29 (4.7)	228 (2.6)	35 (3.6)	223 (2.2)
Iowa	24 (1.8)	218 (3.8)	15 (2.8)	222 (4.0)	62 (2.7)	225 (1.3)
Kentucky	21 (3.3)	214 (4.9)	25 (3.8)	216 (4.3)	54 (3.2)	209 (1.7)
Louisiana	34 (2.4)	190 (2.7)<	33 (3.8)	203 (3.1)	33 (3.6)	197 (2.7)
Maine	9 (1.5)	*** (***)	19 (3.6)	228 (3.5)	72 (3.7)	229 (1.4)
Maryland	29 (4.1)	200 (3.8)	63 (4.5)	216 (1.8)	7 (2.4)	*** (***)
Massachusetts	25 (2.5)	201 (3.3)<	59 (4.2)	231 (1.5)	16 (3.8)	230 (2.7)!
Minnesota	16 (2.6)	207 (6.6)	48 (3.6)	224 (1.6)	36 (3.2)	215 (2.0)
Mississippi	13 (2.2)	204 (3.7)	20 (3.6)	213 (4.2)	67 (2.9)	198 (2.0)
Missouri	26 (3.2)	212 (4.4)	35 (3.2)	221 (2.2)	38 (2.6)	217 (1.6)<
Montana†	21 (1.3)	218 (3.1)	13 (2.0)	224 (4.2)	66 (2.1)	223 (1.7)
Nebraska†	29 (3.0)	218 (2.9)	7 (2.6)	*** (***)	65 (3.8)	222 (1.7)
New Hampshire†	17 (2.5)	220 (2.9)<	47 (4.7)	226 (2.3)	36 (4.1)	222 (2.4)
New Jersey	16 (3.1)	190 (5.6)	79 (3.6)	225 (1.6)	5 (2.3)	*** (***)
New Mexico	34 (2.7)	205 (3.3)	28 (3.9)	206 (3.1)	38 (3.3)	202 (3.1)
New York	43 (2.2)	194 (2.7)	48 (3.3)	224 (1.7)	10 (2.4)	227 (4.1)!
North Carolina	38 (3.0)	218 (2.9)	22 (3.2)	213 (2.9)	40 (3.7)	211 (2.2)
North Dakota	32 (2.7)	224 (2.1)	14 (2.0)	229 (2.6)	55 (2.5)	225 (1.7)
Pennsylvania†	29 (3.6)	197 (3.5)	56 (4.3)	224 (1.9)	15 (2.7)	220 (2.9)
Rhode Island†	38 (3.2)	211 (1.7)	43 (3.8)	223 (1.8)	20 (4.0)	229 (3.1)!
South Carolina	27 (3.0)	208 (2.9)	29 (3.8)	211 (2.7)	44 (3.7)	196 (2.8)<
Tennessee†	37 (3.5)	207 (4.0)	30 (5.1)	218 (2.2)	33 (4.2)	213 (2.3)
Texas	49 (3.3)	208 (3.1)	33 (4.5)	219 (3.6)	19 (3.4)	211 (3.4)
Utah	28 (2.4)	215 (3.5)	51 (3.3)	219 (1.5)	21 (2.4)	217 (2.8)
Virginia	34 (2.7)	208 (2.2)<	44 (4.1)	221 (2.4)	23 (2.9)	208 (2.4)
Washington	30 (3.6)	210 (3.4)	52 (4.1)	215 (1.9)	17 (2.4)	210 (3.7)
West Virginia	15 (1.7)	213 (2.8)	23 (2.8)	214 (2.3)	62 (2.7)	213 (1.3)
Wisconsin†	34 (1.8)	221 (2.4)	29 (3.4)	226 (1.7)	37 (3.5)	226 (1.5)
Wyoming	26 (2.0)	221 (2.7)	6 (1.4)	*** (***)	68 (1.7)	222 (1.4)
Other Jurisdictions**						

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

THE NATION'S REPORT CARD naep
1992 1994 Reading Assessment

TABLE 11 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Type of Location**

Purpose for Reading...	**Reading for Literary Experience**			**Reading to Gain Information**		
Type of location...	**Central City**	**Urban Fringe/ Large Town**	**Rural/ Small Town**	**Central City**	**Urban Fringe/ Large Town**	**Rural/ Small Town**
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation*						
Nation	210 (1.5)	221 (2.1)	220 (2.2)	203 (1.8)	217 (2.4)	214 (3.0)
States						
Alabama	209 (3.6)	216 (3.4)	207 (2.5)	203 (3.4)	209 (3.8)	202 (2.6)
Arizona	215 (1.1)	212 (3.2)	203 (4.2)	210 (1.4)	207 (3.2)	195 (5.3)
Arkansas	211 (4.2)	217 (2.5)!	211 (1.7)	206 (4.0)	213 (2.9)!	210 (1.7)
California	205 (2.7)	205 (3.5)	*** (***)	195 (3.3)	201 (3.8)	*** (***)
Colorado	215 (1.7)	223 (1.7)	222 (2.7)	205 (2.6)	216 (2.1)	214 (2.8)
Connecticut	207 (4.1)	231 (1.8)	232 (2.3)	200 (3.8)	225 (2.3)	227 (2.5)
Delaware†	213 (1.0)	213 (1.0)	213 (1.7)	213 (1.2)	213 (1.5)	211 (1.3)
Florida	205 (3.5)	216 (1.5)	211 (2.4)!	198 (3.8)	208 (2.0)	207 (3.1)!
Georgia	206 (3.9)	222 (2.5)	214 (2.1)	200 (4.2)	215 (2.4)	208 (1.7)
Hawaii	212 (3.3)	202 (2.6)	207 (2.4)	206 (3.3)	195 (3.2)	201 (2.4)
Indiana	219 (3.0)	229 (2.1)	224 (2.0)	214 (3.0)	221 (2.0)	219 (2.1)
Iowa	227 (2.2)	232 (2.6)	225 (1.3)	221 (2.8)	229 (2.2)	223 (2.0)
Kentucky	217 (3.5)	220 (3.2)	213 (1.5)	213 (3.7)	214 (4.0)	206 (1.5)
Louisiana	204 (2.8)	210 (1.8)	207 (2.2)	196 (3.0)	202 (2.3)	200 (2.1)
Maine†	*** (***)	230 (2.8)!	228 (1.5)	*** (***)	225 (3.2)!	225 (1.5)
Maryland	203 (4.5)	220 (1.9)	*** (***)	197 (4.4)	212 (1.8)	*** (***)
Massachusetts	214 (2.4)	234 (1.3)	231 (2.7)!	207 (2.5)	230 (1.2)	226 (3.3)!
Minnesota	214 (4.4)	225 (1.8)	222 (2.1)	209 (3.9)	222 (1.7)	218 (1.8)
Mississippi	201 (3.5)	210 (4.1)	198 (2.1)	195 (3.9)	205 (3.1)	196 (1.6)
Missouri	213 (4.1)	224 (2.0)	224 (1.3)	205 (4.3)	222 (2.6)	220 (1.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	224 (1.8)	224 (4.3)!	223 (1.8)	218 (2.1)	220 (3.3)!	218 (2.0)
New Hampshire†	228 (1.7)	232 (2.0)	228 (2.2)	230 (3.5)	226 (2.3)	222 (2.2)
New Jersey†	198 (3.7)	229 (1.6)	*** (***)	189 (4.8)	226 (2.0)	*** (***)
New Mexico	216 (2.2)	213 (3.2)	211 (2.6)	212 (2.4)	207 (3.5)	205 (2.2)
New York†	203 (2.9)	227 (1.6)	227 (2.5)!	195 (3.6)	223 (2.1)	223 (3.1)!
North Carolina	215 (3.1)	215 (2.5)	212 (1.8)	212 (3.1)	209 (2.6)	206 (1.9)
North Dakota	230 (2.8)	229 (2.5)	228 (1.5)	225 (2.6)	222 (2.9)	221 (1.9)
Pennsylvania	211 (3.6)	228 (1.6)	227 (2.4)	202 (4.6)	224 (1.9)	223 (1.5)
Rhode Island	211 (2.6)	220 (3.0)	233 (2.8)!	204 (3.0)	215 (3.4)	229 (2.9)!
South Carolina	213 (3.0)	223 (2.3)	209 (2.0)	204 (2.9)	213 (2.8)	201 (2.4)
Tennessee	210 (2.8)	220 (2.7)	216 (1.9)	205 (3.1)	215 (3.1)	209 (2.5)
Texas	212 (2.4)	221 (2.9)	211 (4.5)!	206 (2.9)	216 (2.9)	206 (5.2)!
Utah	221 (2.7)	222 (1.6)	225 (1.7)	216 (3.0)	218 (1.6)	219 (1.8)
Virginia	220 (2.7)	229 (2.5)	216 (2.0)	214 (2.3)	224 (2.2)	211 (2.3)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	220 (4.6)	220 (2.5)	216 (1.8)	212 (5.0)	216 (2.2)	211 (2.2)
Wisconsin	224 (2.6)	227 (1.4)	227 (1.9)	219 (2.0)	222 (2.3)	221 (2.0)
Wyoming	227 (3.0)	*** (***)	227 (1.0)	213 (3.5)	*** (***)	220 (1.3)
Other Jurisdictions**						

(continued on next page)

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 11

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY: **Type of Location**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Purpose for Reading...	Reading for Literary Experience			Reading to Gain Information		
Type of location...	Central City	Urban Fringe/ Large Town	Rural/ Small Town	Central City	Urban Fringe/ Large Town	Rural/ Small Town
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation*						
Nation	206 (2.6)	220 (2.0)	216 (2.0)	201 (2.3)	217 (2.1)	210 (2.1)
States						
Alabama	208 (2.9)	216 (3.0)	208 (2.0)	201 (3.4)	215 (3.7)	204 (1.8)
Arizona	211 (2.3)	211 (3.1)	202 (6.2)	203 (2.6)	203 (4.2)	195 (5.4)
Arkansas	211 (3.6)	213 (3.7)!	209 (2.0)	203 (4.5)	211 (5.1)!	207 (2.1)
California	192 (3.3)<	206 (2.4)	*** (***)	187 (4.3)	197 (2.8)	*** (***)
Colorado	212 (2.4)	220 (2.5)	220 (2.2)	205 (3.1)	211 (2.4)	212 (3.2)
Connecticut	206 (4.1)	230 (1.9)	238 (2.6)	201 (5.1)	227 (2.0)	238 (3.2)>
Delaware	212 (1.4)	209 (2.3)	207 (3.4)	202 (1.7)<<	202 (2.5)<<	205 (1.8)<
Florida	201 (3.6)	212 (2.6)	199 (4.9)!	196 (3.3)	207 (2.7)	195 (4.5)!
Georgia	197 (5.2)	214 (5.0)	205 (2.7)	192 (6.7)	212 (4.8)	206 (2.8)
Hawaii	212 (3.7)	200 (2.0)	199 (2.8)	208 (4.9)	195 (2.5)	195 (2.6)
Indiana	213 (2.9)	228 (2.7)	225 (2.5)	206 (2.7)	227 (2.9)	222 (2.2)
Iowa	220 (4.0)	226 (4.0)	226 (1.6)	214 (3.9)	217 (4.8)	224 (1.7)
Kentucky	217 (4.8)	216 (4.3)	210 (1.6)	210 (5.5)	216 (4.7)	207 (2.1)
Louisiana	191 (2.9)<	206 (3.5)	198 (2.7)<	187 (2.9)	200 (3.1)	197 (3.2)
Maine	*** (***)	229 (3.6)	231 (1.4)	*** (***)	227 (4.2)	226 (1.7)
Maryland	203 (3.7)	218 (1.7)	*** (***)	195 (4.7)	213 (2.2)	*** (***)
Massachusetts	204 (3.6)	233 (1.6)	229 (3.1)!	197 (3.2)	228 (1.8)	230 (2.9)!
Minnesota	210 (6.3)	226 (1.9)	217 (2.0)	204 (7.1)	223 (1.8)	212 (2.5)
Mississippi	206 (4.1)	212 (5.0)	199 (2.2)	202 (3.9)	213 (3.7)	196 (2.1)
Missouri	213 (4.5)	222 (2.2)	219 (1.6)	210 (4.7)	219 (2.5)	214 (1.9)
Montana†	221 (3.2)	226 (4.6)	225 (2.0)	215 (3.7)	221 (4.2)	221 (1.7)
Nebraska†	219 (3.2)	*** (***)	224 (1.8)	215 (3.1)	*** (***)	220 (1.8)
New Hampshire†	223 (3.4)	228 (2.6)	226 (2.3)	215 (3.5)<	224 (2.5)	217 (2.9)
New Jersey	193 (5.8)	227 (1.7)	*** (***)	185 (6.0)	223 (2.0)	*** (***)
New Mexico	208 (3.4)	210 (3.1)	206 (3.1)	202 (3.5)	203 (3.4)	198 (3.6)
New York	198 (2.5)	226 (1.9)	228 (5.2)!	190 (3.3)	222 (2.1)	225 (3.3)!
North Carolina	219 (3.2)	216 (3.0)	213 (2.2)	217 (2.8)	210 (3.4)	209 (2.8)
North Dakota	225 (2.0)	229 (3.6)	227 (2.1)	223 (2.6)	228 (1.9)	223 (2.2)
Pennsylvania†	200 (3.4)	225 (1.8)	220 (3.7)	192 (4.5)	222 (2.4)	220 (2.6)
Rhode Island†	214 (2.0)	225 (2.0)	228 (3.5)!	208 (2.2)	221 (2.6)	230 (3.1)!
South Carolina	211 (2.9)	212 (2.9)<	197 (3.0)<	204 (3.4)	209 (2.8)	193 (2.7)
Tennessee†	207 (3.9)	220 (2.4)	216 (2.2)	208 (4.5)	216 (2.8)	209 (2.8)
Texas	210 (3.3)	221 (4.1)	214 (4.3)	206 (3.2)	218 (3.4)	208 (3.3)
Utah	218 (3.7)	224 (1.7)	223 (3.0)	211 (3.7)	213 (1.7)	210 (4.0)
Virginia	209 (2.2)<	223 (2.7)	210 (2.5)	207 (2.7)	218 (2.3)	204 (2.7)
Washington	213 (3.3)	218 (1.9)	214 (3.7)	206 (3.7)	213 (2.2)	205 (4.3)
West Virginia	214 (3.1)	216 (2.4)	215 (1.5)	212 (3.3)	212 (3.0)	209 (1.6)
Wisconsin†	222 (2.6)	225 (1.8)	227 (1.9)	219 (3.1)	226 (2.3)	225 (2.2)
Wyoming	223 (2.6)	*** (***)	224 (1.3)	217 (3.1)	*** (***)	218 (1.6)
Other Jurisdictions**						

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 12

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Type of Location**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level			At or Above Proficient Achievement Level		
Type of location...	Central City	Urban Fringe/ Large Town	Rural/ Small Town	Central City	Urban Fringe/ Large Town	Rural/ Small Town
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation*						
Nation	4 (0.7)	7 (1.2)	5 (1.5)	20 (1.4)	31 (2.6)	27 (2.7)
States						
Alabama	3 (0.7)	5 (1.1)	2 (0.9)	20 (2.4)	24 (2.9)	17 (2.3)
Arizona	3 (0.5)	3 (1.0)	3 (1.5)	23 (1.6)	19 (2.2)	15 (3.0)
Arkansas	4 (1.7)	5 (0.9)!	3 (0.6)	22 (4.3)	27 (2.7)!	22 (1.3)
California	3 (1.1)	4 (0.8)	*** (***)	19 (2.5)	20 (2.8)	*** (***)
Colorado	2 (0.7)	5 (1.1)	4 (1.2)	19 (1.9)	29 (2.2)	26 (3.2)
Connecticut	2 (0.7)	8 (1.6)	7 (1.5)	19 (3.1)	40 (2.4)	40 (3.1)
Delaware†	5 (0.8)	5 (0.8)	4 (0.8)	25 (1.4)	24 (2.3)	22 (1.3)
Florida	2 (0.5)	4 (0.7)	3 (1.3)!	18 (2.4)	24 (1.6)	20 (3.1)!
Georgia	4 (1.5)	6 (1.3)	5 (0.9)	17 (3.4)	31 (2.8)	23 (2.0)
Hawaii	4 (1.0)	2 (0.5)	2 (0.8)	21 (2.8)	14 (2.3)	17 (1.7)
Indiana	5 (1.0)	6 (1.2)	5 (1.2)	27 (3.0)	36 (2.4)	29 (2.7)
Iowa	7 (1.6)	8 (1.2)	7 (1.0)	34 (3.3)	43 (3.8)	35 (1.8)
Kentucky	5 (1.7)	4 (1.7)	3 (0.6)	27 (3.8)	28 (4.9)	19 (1.4)
Louisiana	3 (0.8)	2 (0.6)	2 (0.7)	15 (2.4)	16 (2.0)	15 (1.7)
Maine†	*** (***)	7 (2.0)!	6 (1.0)	*** (***)	36 (4.8)!	36 (2.2)
Maryland	2 (0.7)	6 (0.9)	*** (***)	14 (2.4)	29 (1.5)	*** (***)
Massachusetts	3 (0.9)	8 (1.0)	6 (2.4)!	19 (2.7)	43 (2.0)	37 (4.3)!
Minnesota	5 (1.6)	6 (0.9)	5 (1.2)	25 (4.2)	34 (2.1)	29 (2.3)
Mississippi	1 (1.3)	3 (0.7)	2 (0.5)	11 (2.1)	19 (3.4)	12 (1.1)
Missouri	5 (1.2)	6 (1.4)	5 (0.9)	24 (3.9)	32 (3.0)	31 (1.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	6 (1.2)	5 (1.6)!	5 (1.0)	33 (2.5)	34 (4.6)!	29 (2.0)
New Hampshire†	7 (2.5)	9 (1.7)	7 (1.6)	39 (3.2)	40 (2.7)	35 (2.9)
New Jersey†	1 (0.7)	9 (1.2)	*** (***)	9 (2.8)	39 (2.1)	*** (***)
New Mexico	5 (1.0)	4 (1.6)	2 (0.6)	26 (2.6)	24 (3.1)	19 (2.5)
New York†	2 (0.6)	7 (1.0)	5 (2.0)!	16 (2.2)	35 (2.1)	32 (3.4)!
North Carolina	6 (1.4)	6 (0.9)	4 (0.7)	27 (3.0)	26 (2.5)	22 (1.8)
North Dakota	7 (1.9)	7 (2.6)	6 (0.9)	38 (3.5)	34 (2.9)	33 (1.8)
Pennsylvania	4 (1.0)	7 (1.1)	6 (1.9)	22 (3.6)	37 (2.3)	33 (2.8)
Rhode Island	3 (0.7)	6 (1.2)	8 (2.4)!	21 (2.5)	27 (3.0)	41 (3.9)!
South Carolina	3 (1.3)	6 (1.6)	3 (0.8)	21 (2.9)	29 (2.5)	18 (2.0)
Tennessee	4 (1.2)	5 (1.4)	3 (1.0)	21 (2.8)	28 (3.3)	21 (1.8)
Texas	3 (1.0)	6 (1.3)	3 (1.2)!	20 (2.9)	29 (3.1)	22 (4.7)!
Utah	5 (1.1)	5 (0.7)	5 (1.7)	29 (3.3)	30 (2.0)	31 (3.0)
Virginia	5 (1.5)	8 (1.8)	4 (1.4)	28 (2.7)	39 (2.9)	23 (2.0)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	4 (2.0)	7 (1.5)	4 (0.7)	25 (5.2)	28 (2.7)	24 (1.8)
Wisconsin	8 (1.5)	5 (1.2)	5 (1.0)	32 (2.8)	35 (2.6)	34 (2.3)
Wyoming	6 (1.9)	*** (***)	5 (0.6)	30 (3.8)	*** (***)	34 (1.5)
Other Jurisdictions**						

(continued on next page)

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 12

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Type of Location**

Percentage of students...	**At or Above Basic Achievement Level**			**Below Basic Achievement Level**		
Type of location...	**Central City**	**Urban Fringe/ Large Town**	**Rural/ Small Town**	**Central City**	**Urban Fringe/ Large Town**	**Rural/ Small Town**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation*						
Nation	51 (2.0)	65 (2.5)	64 (2.5)	49 (2.0)	35 (2.5)	36 (2.5)
States						
Alabama	50 (3.9)	58 (4.1)	48 (3.4)	50 (3.9)	42 (4.1)	52 (3.4)
Arizona	58 (1.5)	55 (4.1)	43 (5.9)	42 (1.5)	45 (4.1)	57 (5.9)
Arkansas	52 (4.8)	60 (2.9)!	56 (2.2)	48 (4.8)	40 (2.9)!	44 (2.2)
California	46 (2.9)	48 (3.7)	*** (***)	54 (2.9)	52 (3.7)	*** (***)
Colorado	56 (2.6)	68 (2.1)	66 (3.7)	44 (2.6)	32 (2.1)	34 (3.7)
Connecticut	48 (5.0)	77 (2.4)	79 (2.6)	52 (5.0)	23 (2.4)	21 (2.6)
Delaware†	57 (1.5)	57 (1.9)	56 (2.4)	43 (1.5)	43 (1.9)	44 (2.4)
Florida	46 (4.4)	57 (2.0)	51 (2.4)!	54 (4.4)	43 (2.0)	49 (2.4)!
Georgia	45 (4.6)	65 (2.6)	56 (2.1)	55 (4.6)	35 (2.6)	44 (2.1)
Hawaii	53 (3.7)	44 (3.2)	48 (2.6)	47 (3.7)	56 (3.2)	52 (2.6)
Indiana	62 (3.6)	74 (2.2)	70 (2.2)	38 (3.6)	26 (2.2)	30 (2.2)
Iowa	72 (2.5)	81 (2.4)	72 (1.8)	28 (2.5)	19 (2.4)	28 (1.8)
Kentucky	61 (5.0)	64 (4.1)	54 (1.9)	39 (5.0)	36 (4.1)	46 (1.9)
Louisiana	42 (3.3)	50 (3.0)	45 (2.7)	58 (3.3)	50 (3.0)	55 (2.7)
Maine†	*** (***)	76 (3.6)!	76 (1.8)	*** (***)	24 (3.6)!	24 (1.8)
Maryland	45 (4.4)	62 (2.1)	*** (***)	55 (4.4)	38 (2.1)	*** (***)
Massachusetts	54 (3.2)	82 (1.4)	79 (4.2)!	46 (3.2)	18 (1.4)	21 (4.2)!
Minnesota	56 (5.4)	72 (2.3)	68 (2.4)	44 (5.4)	28 (2.3)	32 (2.4)
Mississippi	39 (4.9)	50 (4.5)	39 (2.2)	61 (4.9)	50 (4.5)	61 (2.2)
Missouri	54 (4.9)	71 (2.2)	69 (2.0)	46 (4.9)	29 (2.2)	31 (2.0)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	68 (2.3)	69 (5.3)!	69 (2.3)	32 (2.3)	31 (5.3)!	31 (2.3)
New Hampshire†	78 (3.1)	77 (2.7)	74 (2.7)	22 (3.1)	23 (2.7)	26 (2.7)
New Jersey†	34 (5.5)	75 (1.9)	*** (***)	66 (5.5)	25 (1.9)	*** (***)
New Mexico	58 (2.7)	53 (3.1)	52 (2.8)	42 (2.7)	47 (3.1)	48 (2.8)
New York†	45 (2.7)	73 (2.2)	75 (2.3)!	55 (2.7)	27 (2.2)	25 (2.3)!
North Carolina	58 (3.3)	56 (3.0)	54 (2.2)	42 (3.3)	44 (3.0)	46 (2.2)
North Dakota	77 (3.1)	74 (2.9)	73 (2.4)	23 (3.1)	26 (2.9)	27 (2.4)
Pennsylvania	52 (5.5)	74 (2.1)	73 (2.7)	48 (5.5)	26 (2.1)	27 (2.7)
Rhode Island	52 (3.5)	64 (3.7)	81 (3.4)!	48 (3.5)	36 (3.7)	19 (3.4)!
South Carolina	52 (3.6)	63 (3.6)	48 (2.8)	48 (3.6)	37 (3.6)	52 (2.8)
Tennessee	51 (3.4)	64 (3.1)	58 (2.6)	49 (3.4)	36 (3.1)	42 (2.6)
Texas	52 (3.4)	64 (3.9)	53 (6.4)!	48 (3.4)	36 (3.9)	47 (6.4)!
Utah	65 (3.8)	67 (2.1)	70 (2.2)	35 (3.8)	33 (2.1)	30 (2.2)
Virginia	62 (2.9)	74 (3.0)	58 (2.8)	38 (2.9)	26 (3.0)	42 (2.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	63 (4.6)	64 (2.5)	59 (2.2)	37 (4.6)	36 (2.5)	41 (2.2)
Wisconsin	67 (2.8)	73 (2.3)	72 (2.5)	33 (2.8)	27 (2.3)	28 (2.5)
Wyoming	68 (3.8)	*** (***)	72 (1.7)	32 (3.8)	*** (***)	28 (1.7)
Other Jurisdictions**						

(continued on next page)

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 12 1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students by Achievement Levels
BREAKDOWNS BY: Type of Location

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level			At or Above Proficient Achievement Level		
Type of location...	Central City	Urban Fringe/ Large Town	Rural/ Small Town	Central City	Urban Fringe/ Large Town	Rural/ Small Town
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation*						
Nation	5 (0.9)	8 (1.1)	6 (0.7)	22 (2.0)	33 (2.0)	27 (2.0)
States						
Alabama	5 (1.3)	7 (1.5)	4 (1.0)	23 (2.5)	30 (2.9)	20 (1.5)
Arizona	7 (1.1)	6 (1.4)	4 (1.4)	25 (1.8)	24 (3.1)	21 (3.5)
Arkansas	4 (1.0)	6 (1.7)!	5 (1.0)	23 (2.8)	28 (3.8)!	23 (1.7)
California	2 (0.7)	5 (0.8)	*** (***)	14 (2.2)	21 (1.8)	*** (***)
Colorado	5 (1.0)	6 (1.3)	7 (1.8)	26 (2.4)	29 (2.5)	29 (2.9)
Connecticut	6 (1.4)	10 (1.5)	18 (2.6)>	25 (3.3)	40 (1.9)	53 (3.7)
Delaware	6 (1.4)	5 (1.2)	3 (0.8)	24 (1.5)	23 (1.8)	20 (1.4)
Florida	4 (0.8)	6 (0.9)	2 (0.9)!	18 (2.2)	27 (2.2)	17 (3.9)!
Georgia	6 (1.8)	9 (1.8)	4 (1.0)	19 (4.3)	31 (3.5)	22 (2.9)
Hawaii	6 (1.2)	3 (0.7)	4 (0.8)	25 (3.2)	17 (1.4)	17 (1.9)
Indiana	5 (1.0)	10 (1.8)	8 (1.3)	24 (2.6)	40 (3.3)	35 (2.8)
Iowa	7 (2.4)	7 (1.7)	9 (1.3)	30 (3.9)	34 (4.5)	36 (1.5)
Kentucky	8 (2.1)	8 (2.8)	4 (0.7)	31 (4.7)	29 (4.9)	22 (1.4)
Louisiana	3 (0.8)	3 (1.1)	2 (0.6)	13 (1.9)	18 (2.3)	13 (2.0)
Maine	*** (***)	11 (2.5)	10 (1.1)>	*** (***)	39 (3.5)	41 (1.5)
Maryland	4 (1.5)	8 (0.9)	*** (***)	20 (3.9)	30 (1.9)	*** (***)
Massachusetts	3 (1.3)	10 (1.5)	11 (1.9)!	16 (2.5)	43 (2.0)	41 (4.8)!
Minnesota	8 (1.8)	9 (1.1)	5 (1.0)	28 (4.2)	37 (2.4)	29 (1.8)
Mississippi	5 (1.8)	7 (1.7)	3 (0.5)	18 (3.4)	27 (4.3)	15 (1.4)
Missouri	7 (2.6)	8 (1.4)	7 (1.0)	30 (4.4)	32 (2.8)	30 (2.1)
Montana†	5 (0.9)	8 (2.9)	8 (0.9)	29 (2.5)	34 (6.5)	37 (1.9)
Nebraska†	9 (1.7)	*** (***)	8 (0.9)	35 (3.3)	*** (***)	35 (2.3)
New Hampshire†	6 (1.3)	9 (1.8)	9 (1.5)	32 (3.6)	38 (2.6)	35 (2.8)
New Jersey	2 (0.7)	10 (1.0)	*** (***)	12 (4.2)	38 (1.9)	*** (***)
New Mexico	6 (1.2)	5 (1.4)	3 (0.9)	23 (2.5)	21 (3.3)	18 (2.4)
New York	3 (1.0)	9 (1.3)	8 (3.0)!	15 (1.9)	37 (2.0)	37 (6.3)!
North Carolina	10 (1.9)	6 (1.3)	6 (1.2)	34 (2.8)	28 (3.1)	27 (2.3)
North Dakota	8 (1.1)	9 (2.4)	8 (1.2)	35 (2.7)	41 (3.3)	38 (1.8)
Pennsylvania†	4 (1.2)	9 (1.3)	6 (1.6)	18 (2.5)	36 (1.9)	32 (3.9)
Rhode Island†	4 (0.7)	9 (1.8)	11 (2.4)!	24 (2.1)	36 (2.3)	39 (2.9)!
South Carolina	5 (1.5)	5 (1.0)	3 (0.8)	23 (2.9)	24 (2.3)	15 (2.0)
Tennessee†	7 (1.9)	7 (1.2)	5 (1.0)	25 (3.4)	29 (2.6)	26 (2.0)
Texas	5 (1.4)	8 (1.5)	4 (1.7)	23 (3.0)	32 (3.6)	24 (3.7)
Utah	7 (1.5)	6 (1.1)	5 (1.7)	31 (3.0)	30 (2.1)	29 (3.4)
Virginia	6 (1.6)	9 (1.2)	4 (1.0)	22 (2.4)	33 (2.7)	21 (2.0)
Washington	5 (1.2)	6 (1.0)	6 (1.9)	25 (2.6)	28 (1.8)	26 (3.5)
West Virginia	7 (1.7)	6 (1.2)	5 (0.6)	28 (3.2)	28 (2.8)	25 (1.5)
Wisconsin†	7 (1.4)	7 (1.5)	8 (1.1)	33 (2.9)	37 (3.1)	36 (2.3)
Wyoming	5 (1.3)	*** (***)	6 (0.7)	31 (2.9)	*** (***)	32 (1.5)
Other Jurisdictions**						

(continued on next page)

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 12

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Type of Location**

THE NATION'S REPORT CARD naep
1992 1994 Reading Assessment

Percentage of students...	At or Above Basic Achievement Level			Below Basic Achievement Level		
Type of location...	Central City	Urban Fringe/ Large Town	Rural/ Small Town	Central City	Urban Fringe/ Large Town	Rural/ Small Town
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation*						
Nation	50 (2.7)	65 (1.8)	59 (2.6)	50 (2.7)	35 (1.8)	41 (2.6)
States						
Alabama	51 (3.1)	60 (4.0)	49 (2.3)	49 (3.1)	40 (4.0)	51 (2.3)
Arizona	53 (2.3)	53 (3.4)	45 (6.0)	47 (2.3)	47 (3.4)	55 (6.0)
Arkansas	53 (3.9)	57 (4.8)!	53 (2.0)	47 (3.9)	43 (4.8)!	47 (2.0)
California	39 (3.9)	49 (2.4)	*** (***)	61 (3.9)	51 (2.4)	*** (***)
Colorado	55 (2.8)	61 (2.2)	62 (2.9)	45 (2.8)	39 (2.2)	38 (2.9)
Connecticut	49 (4.1)	75 (1.8)	83 (3.0)	51 (4.1)	25 (1.8)	17 (3.0)
Delaware	53 (1.9)	52 (2.2)	52 (3.4)	47 (1.9)	48 (2.2)	48 (3.4)
Florida	45 (3.2)	55 (2.6)	42 (6.1)!	55 (3.2)	45 (2.6)	58 (6.1)!
Georgia	41 (5.7)	59 (4.3)	50 (3.0)	59 (5.7)	41 (4.3)	50 (3.0)
Hawaii	56 (4.2)	44 (2.3)	42 (2.7)	44 (4.2)	56 (2.3)	58 (2.7)
Indiana	55 (3.2)	74 (3.0)	70 (2.5)	45 (3.2)	26 (3.0)	30 (2.5)
Iowa	63 (3.8)	68 (4.5)	72 (1.8)	37 (3.8)	32 (4.5)	28 (1.8)
Kentucky	59 (4.9)	60 (4.1)	53 (1.8)	41 (4.9)	40 (4.1)	47 (1.8)
Louisiana	34 (2.5)	47 (3.3)	40 (3.4)	66 (2.5)	53 (3.3)	60 (3.4)
Maine	*** (***)	75 (3.6)	75 (1.8)	*** (***)	25 (3.6)	25 (1.8)
Maryland	46 (3.9)	61 (2.1)	*** (***)	54 (3.9)	39 (2.1)	*** (***)
Massachusetts	43 (4.1)	78 (1.8)	76 (2.6)!	57 (4.1)	22 (1.8)	24 (2.6)!
Minnesota	54 (6.0)	71 (2.0)	62 (2.4)	46 (6.0)	29 (2.0)	38 (2.4)
Mississippi	46 (3.4)	57 (4.6)	42 (2.2)	54 (3.4)	43 (4.6)	58 (2.2)
Missouri	55 (4.4)	67 (2.5)	62 (2.4)	45 (4.4)	33 (2.5)	38 (2.4)
Montana†	65 (3.8)	72 (3.9)	70 (2.1)	35 (3.8)	28 (3.9)	30 (2.1)
Nebraska†	62 (3.0)	*** (***)	69 (2.0)	38 (3.0)	*** (***)	31 (2.0)
New Hampshire†	66 (3.7)	73 (2.6)	68 (2.6)	34 (3.7)	27 (2.6)	32 (2.6)
New Jersey	34 (6.2)	71 (1.8)	*** (***)	66 (6.2)	29 (1.8)	*** (***)
New Mexico	51 (2.8)	50 (2.9)	48 (3.5)	49 (2.8)	50 (2.9)	52 (3.5)
New York	39 (2.9)	70 (2.4)	73 (4.5)!	61 (2.9)	30 (2.4)	27 (4.5)!
North Carolina	63 (2.4)	58 (3.7)	56 (2.6)	37 (2.4)	42 (3.7)	44 (2.6)
North Dakota	70 (2.0)	78 (3.3)	72 (2.1)	30 (2.0)	22 (3.3)	28 (2.1)
Pennsylvania†	43 (3.6)	69 (2.0)	66 (3.3)	57 (3.6)	31 (2.0)	34 (3.3)
Rhode Island†	57 (2.4)	68 (2.4)	76 (3.8)!	43 (2.4)	32 (2.4)	24 (3.8)!
South Carolina	52 (3.1)	56 (2.9)	39 (2.9)	48 (3.1)	44 (2.9)	61 (2.9)
Tennessee†	51 (4.3)	64 (2.7)	59 (3.1)	49 (4.3)	36 (2.7)	41 (3.1)
Texas	53 (3.6)	66 (4.3)	56 (4.2)	47 (3.6)	34 (4.3)	44 (4.2)
Utah	62 (3.7)	65 (1.8)	64 (4.3)	38 (3.7)	35 (1.8)	36 (4.3)
Virginia	50 (2.7)<	66 (2.6)	52 (3.5)	50 (2.7)>	34 (2.6)	48 (3.5)
Washington	55 (3.7)	62 (2.0)	56 (3.6)	45 (3.7)	38 (2.0)	44 (3.6)
West Virginia	58 (3.1)	60 (3.1)	57 (1.7)	42 (3.1)	40 (3.1)	43 (1.7)
Wisconsin†	67 (3.2)	73 (2.3)	73 (2.4)	33 (3.2)	27 (2.3)	27 (2.4)
Wyoming	68 (3.9)	*** (***)	69 (1.9)	32 (3.9)	*** (***)	31 (1.9)
Other Jurisdictions**						

---

* School sample size is insufficient to permit reliable regional results for type of location.

** Results for type of location are not available for the Department of Defense Education Activity Overseas Schools (DoDEA Overseas jurisdiction) and Guam.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 13 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

What is the highest level of education either your mother or father obtained?	Graduated College		Some Education After High School		Graduated High School		Did Not Finish High School		I Don't Know	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation										
Nation	37 (1.1)	223 (1.6)	9 (0.6)	221 (2.4)	13 (0.6)	211 (1.8)	4 (0.4)	197 (2.7)	37 (1.1)	209 (1.3)
Northeast	40 (3.3)	232 (5.2)	7 (0.8)	221 (9.2)	12 (1.8)	212 (3.4)	3 (0.5)	*** (***)	37 (2.8)	212 (3.6)
Southeast	36 (2.2)	218 (2.8)	8 (0.9)	216 (4.7)	16 (1.2)	207 (4.3)	5 (0.7)	197 (3.6)	35 (2.0)	205 (2.5)
Central	38 (2.1)	223 (2.6)	13 (1.5)	224 (4.0)	13 (1.0)	214 (3.7)	3 (0.7)	*** (***)	34 (2.1)	213 (2.1)
West	35 (2.0)	219 (2.8)	7 (1.0)	223 (3.6)	10 (1.1)	210 (4.1)	6 (1.0)	195 (5.4)	41 (1.8)	207 (1.6)
States										
Alabama	36 (1.4)	215 (2.2)	8 (0.7)	217 (2.9)	20 (1.0)	207 (2.3)	9 (0.7)	197 (2.6)	27 (1.2)	199 (2.1)
Arizona	34 (1.4)	218 (1.5)	8 (0.6)	216 (2.8)	9 (0.6)	204 (2.4)	5 (0.4)	195 (3.6)	43 (1.5)	204 (1.6)
Arkansas	32 (1.3)	217 (1.9)	10 (0.7)	223 (2.1)	20 (0.9)	211 (1.9)	9 (0.6)	202 (2.6)	30 (1.0)	203 (1.6)
California	37 (1.5)	216 (2.5)	7 (0.6)	206 (4.1)	8 (0.7)	198 (4.2)	5 (0.5)	178 (4.2)	43 (1.2)	193 (2.4)
Colorado	40 (1.1)	225 (1.2)	11 (0.6)	224 (2.2)	12 (0.7)	210 (2.3)	4 (0.3)	202 (3.2)	34 (1.2)	209 (1.6)
Connecticut	43 (1.2)	233 (1.5)	9 (0.7)	230 (2.9)	11 (0.6)	213 (2.7)	3 (0.3)	201 (3.6)	34 (1.3)	210 (1.6)
Delaware†	38 (0.7)	220 (1.4)	7 (0.6)	221 (2.3)	14 (0.7)	205 (2.1)	4 (0.4)	198 (4.5)	37 (0.8)	209 (1.7)
Florida	36 (1.3)	213 (1.5)	9 (0.6)	215 (2.7)	13 (0.7)	206 (2.6)	5 (0.5)	200 (3.4)	36 (1.4)	204 (1.6)
Georgia	38 (1.3)	221 (2.2)	8 (0.5)	219 (3.1)	17 (0.8)	206 (2.1)	6 (0.5)	201 (3.2)	31 (1.2)	206 (1.4)
Hawaii	38 (1.3)	209 (2.0)	7 (0.5)	208 (3.7)	13 (0.8)	195 (2.5)	3 (0.3)	198 (4.4)	38 (1.2)	200 (2.0)
Indiana	35 (1.4)	227 (1.7)	10 (0.7)	229 (2.4)	16 (1.0)	218 (1.9)	6 (0.6)	211 (3.7)	33 (1.4)	216 (1.6)
Iowa	41 (1.5)	234 (1.3)	10 (0.5)	231 (1.8)	15 (0.8)	222 (1.7)	3 (0.4)	206 (3.4)	32 (1.1)	217 (1.3)
Kentucky	30 (1.7)	220 (2.0)	10 (0.7)	222 (2.4)	20 (0.9)	214 (1.8)	10 (0.7)	200 (2.2)	31 (1.3)	206 (1.5)
Louisiana	33 (1.3)	206 (2.1)	9 (0.6)	215 (2.3)	18 (0.9)	201 (1.8)	8 (0.6)	196 (2.2)	33 (1.4)	201 (1.2)
Maine†	41 (1.7)	234 (1.4)	9 (0.8)	235 (2.2)	17 (1.2)	223 (1.8)	3 (0.4)	213 (3.9)	30 (1.4)	218 (1.6)
Maryland	44 (1.4)	218 (1.9)	8 (0.6)	218 (2.3)	12 (0.7)	207 (2.7)	4 (0.4)	196 (4.9)	32 (1.2)	204 (2.0)
Massachusetts	46 (1.5)	235 (1.0)	8 (0.5)	232 (2.2)	11 (0.6)	222 (2.4)	3 (0.4)	205 (3.5)	33 (1.4)	215 (1.9)
Minnesota	40 (1.5)	227 (1.7)	9 (0.7)	230 (2.7)	13 (0.9)	218 (2.2)	2 (0.3)	*** (***)	36 (1.3)	214 (1.6)
Mississippi	34 (1.5)	204 (1.7)	7 (0.5)	209 (2.8)	16 (1.0)	197 (2.3)	8 (0.7)	189 (2.6)	35 (1.4)	195 (1.9)
Missouri	36 (1.3)	228 (1.8)	10 (0.7)	227 (2.5)	17 (0.9)	215 (2.0)	6 (0.5)	211 (2.6)	32 (1.2)	213 (1.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	44 (1.2)	228 (1.5)	10 (0.8)	230 (3.2)	12 (0.7)	217 (2.3)	3 (0.4)	*** (***)	31 (1.3)	211 (1.5)
New Hampshire†	43 (1.7)	234 (1.5)	9 (0.7)	234 (2.5)	14 (1.0)	221 (2.4)	4 (0.4)	212 (3.5)	30 (1.2)	222 (1.8)
New Jersey†	45 (1.8)	232 (1.8)	8 (0.7)	230 (2.7)	10 (0.7)	216 (2.6)	4 (0.4)	205 (4.2)	33 (1.6)	212 (1.8)
New Mexico	31 (1.8)	222 (1.9)	10 (0.9)	218 (2.8)	16 (1.1)	210 (2.1)	6 (0.7)	193 (3.2)	37 (1.7)	203 (2.2)
New York†	39 (1.5)	226 (1.4)	8 (0.8)	221 (2.3)	13 (0.7)	209 (2.3)	4 (0.5)	197 (3.7)	36 (1.5)	208 (1.7)
North Carolina	39 (1.3)	220 (1.6)	8 (0.6)	218 (2.5)	16 (0.8)	206 (2.2)	7 (0.5)	196 (2.6)	29 (0.9)	206 (1.5)
North Dakota	47 (1.5)	233 (1.2)	9 (0.7)	229 (2.7)	11 (0.8)	224 (2.2)	3 (0.4)	*** (***)	30 (1.3)	215 (1.4)
Pennsylvania	38 (1.7)	229 (1.7)	8 (0.6)	231 (2.2)	15 (0.8)	216 (1.8)	4 (0.4)	209 (2.8)	34 (1.1)	213 (1.6)
Rhode Island	36 (1.8)	226 (2.4)	8 (0.7)	228 (2.6)	11 (0.8)	209 (2.5)	5 (0.5)	203 (4.8)	40 (1.6)	209 (2.2)
South Carolina	37 (1.5)	218 (1.6)	8 (0.6)	221 (3.0)	19 (1.0)	200 (2.0)	5 (0.6)	198 (2.8)	31 (1.2)	205 (1.7)
Tennessee	34 (1.8)	220 (2.2)	9 (0.5)	222 (3.8)	19 (1.1)	210 (2.4)	8 (0.6)	202 (2.6)	30 (1.3)	204 (1.4)
Texas	34 (1.6)	222 (2.2)	9 (0.8)	219 (2.7)	14 (0.9)	208 (2.1)	7 (0.8)	200 (2.8)	35 (1.4)	207 (1.6)
Utah	40 (1.4)	227 (1.4)	9 (0.6)	228 (2.5)	10 (0.6)	215 (1.9)	3 (0.4)	208 (4.5)	39 (1.3)	214 (1.5)
Virginia	42 (1.8)	229 (2.0)	9 (0.7)	225 (2.7)	14 (0.7)	215 (1.7)	6 (0.6)	207 (2.8)	29 (1.1)	213 (1.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	33 (1.4)	225 (1.5)	10 (0.6)	224 (2.1)	20 (0.8)	212 (1.9)	8 (0.6)	203 (2.7)	29 (1.0)	207 (1.8)
Wisconsin	35 (1.2)	231 (1.6)	11 (0.6)	232 (1.9)	16 (1.0)	219 (1.4)	3 (0.3)	212 (3.8)	36 (1.2)	217 (1.5)
Wyoming	39 (1.2)	230 (1.3)	11 (0.7)	231 (2.3)	13 (0.7)	218 (2.4)	4 (0.3)	210 (4.2)	33 (1.1)	216 (1.5)
Other Jurisdictions										
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	32 (1.2)	183 (2.1)	6 (0.5)	192 (4.9)	14 (0.8)	182 (3.2)	5 (0.4)	175 (5.4)	44 (1.2)	182 (2.0)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 13 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

What is the highest level of education either your mother or father obtained?	**Graduated College**		**Some Education After High School**		**Graduated High School**		**Did Not Finish High School**		**I Don't Know**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation										
Nation	41 (1.0)	222 (1.4)	8 (0.5)	222 (2.2)	13 (0.5)	206 (1.9)	4 (0.4)	188 (3.5)	34 (0.9)	204 (1.3)
Northeast	43 (1.8)	221 (3.1)	6 (0.5)	222 (4.4)	14 (1.3)	202 (3.3)	3 (0.8)	*** (***)	34 (1.7)	205 (1.9)
Southeast	35 (2.0)	216 (3.0)	9 (1.1)	222 (3.0)	17 (1.0)	207 (3.9)	6 (0.9)	186 (4.8)	34 (1.6)	200 (2.8)
Central	45 (1.6)	226 (3.0)	8 (1.6)	221 (5.1)	12 (1.1)	215 (4.0)	4 (0.6)	*** (***)	31 (1.9)	210 (3.2)
West	40 (2.1)	223 (2.4)	7 (0.8)	221 (5.1)	10 (0.5)	201 (3.9)	5 (0.6)	188 (6.6)	38 (1.8)	203 (2.4)
States										
Alabama	37 (1.5)	217 (1.9)	9 (0.8)	217 (3.2)	18 (1.0)	201 (2.6)	8 (0.7)	197 (3.0)	28 (1.0)	201 (2.2)
Arizona	34 (1.5)	218 (2.3)	9 (0.8)	219 (3.5)	10 (0.7)	200 (3.3)	5 (0.6)	189 (3.5)	42 (1.4)	198 (2.3)
Arkansas	33 (1.6)	215 (2.0)	10 (0.8)	221 (3.1)	19 (1.1)	203 (2.6)	6 (0.6)<	196 (3.8)	31 (1.2)	204 (2.6)
California	39 (1.9)	207 (2.1)	8 (0.7)	207 (3.4)	9 (0.7)	191 (4.2)	4 (0.5)	166 (4.3)	39 (1.6)	189 (2.6)
Colorado	44 (1.5)	222 (1.4)	8 (0.6)<	220 (2.7)	10 (0.7)	213 (3.0)	3 (0.4)	192 (5.9)	35 (1.3)	204 (1.7)
Connecticut	49 (1.4)>	231 (1.7)	8 (0.6)	234 (2.9)	9 (0.6)	209 (3.6)	3 (0.5)	204 (6.9)	30 (1.2)	212 (2.1)
Delaware	40 (1.0)	214 (1.4)<	8 (0.4)	217 (3.3)	12 (0.7)	202 (3.2)	3 (0.4)	185 (4.6)	37 (1.0)	199 (1.8)<<
Florida	40 (1.3)	212 (2.3)	8 (0.7)	219 (3.3)	12 (0.8)	195 (3.2)<	4 (0.4)	187 (4.8)	37 (1.3)	200 (2.1)
Georgia	40 (1.7)	217 (2.9)	8 (0.8)	219 (3.2)	15 (1.1)	199 (3.4)	6 (0.7)	185 (5.4)	31 (1.2)	199 (2.5)
Hawaii	38 (1.3)	208 (1.9)	7 (0.5)	215 (5.0)	13 (0.8)	194 (2.7)	3 (0.4)	192 (5.3)	39 (1.1)	195 (2.2)
Indiana	37 (1.6)	229 (1.5)	10 (0.7)	230 (2.8)	18 (1.0)	216 (2.6)	4 (0.5)	198 (4.6)	31 (1.4)	210 (1.4)<
Iowa	43 (1.7)	229 (1.6)	8 (0.6)	232 (2.9)	13 (0.9)	219 (2.1)	3 (0.3)	211 (4.5)	33 (1.2)	215 (1.7)
Kentucky	30 (1.2)	218 (2.1)	11 (0.7)	222 (2.9)	19 (0.9)	212 (2.0)	8 (0.6)	195 (3.2)	33 (1.4)	206 (2.1)
Louisiana	34 (1.5)	200 (2.2)	8 (0.7)	209 (2.6)	18 (0.9)	196 (2.1)	8 (0.7)	188 (2.4)	33 (1.3)	194 (2.0)<
Maine	44 (1.2)	236 (1.5)	9 (0.5)	237 (2.4)	14 (0.8)	225 (2.5)	4 (0.3)	214 (3.3)	29 (1.1)	218 (1.6)
Maryland	48 (1.6)	217 (2.2)	7 (0.6)	215 (3.3)	11 (0.7)	202 (4.1)	3 (0.4)	195 (5.1)	31 (1.3)	203 (2.0)
Massachusetts	49 (1.7)	232 (1.6)	9 (0.7)	230 (2.3)	10 (0.7)	212 (3.1)	3 (0.4)	206 (3.4)	29 (1.4)	212 (1.8)
Minnesota	42 (1.5)	229 (1.6)	8 (0.6)	220 (2.8)<	11 (0.7)	212 (3.2)	2 (0.3)	*** (***)	37 (1.1)	210 (2.0)
Mississippi	37 (1.3)	207 (2.1)	7 (0.6)	213 (3.8)	17 (0.9)	199 (2.8)	8 (0.6)	192 (3.2)	32 (1.3)	197 (2.1)
Missouri	37 (1.6)	225 (2.0)	9 (0.6)	227 (3.3)	17 (1.2)	216 (2.4)	5 (0.6)	199 (3.7)<	32 (1.1)	208 (1.7)
Montana†	39 (1.3)	230 (1.8)	10 (0.6)	227 (2.8)	13 (0.9)	219 (2.2)	3 (0.4)	211 (4.2)	35 (1.2)	215 (1.9)
Nebraska†	43 (1.8)	231 (1.5)	7 (0.7)	232 (2.9)	13 (0.8)	215 (2.5)	2 (0.4)	*** (***)	34 (1.6)	208 (1.6)
New Hampshire†	41 (1.7)	231 (2.0)	9 (0.6)	236 (2.7)	11 (1.0)	220 (2.6)	4 (0.5)	207 (5.6)	35 (1.2)>	215 (1.8)<
New Jersey	46 (1.5)	230 (1.4)	10 (0.8)	225 (2.8)	11 (0.8)	209 (3.1)	3 (0.4)	193 (5.9)	30 (1.3)	209 (1.6)
New Mexico	34 (1.3)	215 (1.9)	9 (0.7)	220 (2.9)	14 (0.8)	200 (3.2)<	6 (0.6)	188 (4.8)	36 (1.3)	196 (2.1)
New York	42 (1.8)	220 (2.0)	7 (0.7)	224 (3.3)	11 (0.6)	208 (2.7)	4 (0.4)	196 (4.2)	36 (1.3)	202 (2.1)
North Carolina	44 (1.4)>	223 (2.0)	8 (0.6)	226 (2.6)	13 (0.8)<	204 (2.2)	5 (0.5)<	195 (2.9)	30 (1.1)	206 (1.6)
North Dakota	46 (1.4)	233 (1.3)	8 (0.6)	232 (2.9)	11 (0.7)	217 (2.5)	2 (0.3)	*** (***)	33 (1.5)	217 (2.0)
Pennsylvania†	37 (2.0)	224 (2.3)	12 (0.9)>>	221 (2.9)<	18 (1.2)	210 (2.2)	4 (0.5)	187 (5.7)<	28 (1.5)<	208 (2.3)
Rhode Island†	40 (1.3)	228 (1.6)	11 (0.8)	230 (2.6)	10 (0.7)	217 (2.5)	4 (0.4)	203 (4.9)	35 (1.1)	211 (1.7)
South Carolina	40 (1.6)	213 (2.0)	7 (0.6)	216 (4.1)	17 (1.0)	193 (2.5)	6 (0.5)	189 (3.0)	30 (1.3)	198 (1.4)<
Tennessee†	36 (1.8)	219 (2.7)	9 (0.7)	225 (3.9)	18 (1.0)	213 (3.3)	7 (0.6)	200 (3.7)	30 (1.4)	204 (2.2)
Texas	37 (1.8)	222 (3.0)	9 (0.6)	224 (2.7)	13 (1.1)	207 (3.1)	6 (0.7)	195 (3.2)	35 (1.6)	205 (1.9)
Utah	42 (1.3)	226 (1.5)	9 (0.8)	225 (2.5)	10 (0.7)	211 (2.6)	2 (0.3)	*** (***)	37 (1.1)	209 (1.4)
Virginia	41 (1.7)	221 (1.9)<	8 (0.6)	220 (3.1)	13 (0.9)	207 (2.6)	5 (0.5)	196 (4.3)	32 (1.2)	208 (1.9)
Washington	40 (1.4)	223 (1.7)	8 (0.6)	216 (2.4)	10 (0.5)	209 (2.7)	2 (0.3)	197 (4.6)	38 (1.1)	203 (1.8)
West Virginia	33 (1.3)	221 (1.5)	9 (0.7)	226 (2.9)	21 (0.9)	213 (2.2)	7 (0.5)	196 (3.1)	31 (1.2)	205 (1.4)
Wisconsin†	37 (1.4)	233 (1.6)	9 (0.7)	228 (2.5)	14 (0.8)	223 (2.5)	4 (0.4)	212 (4.1)	37 (1.3)	217 (1.5)
Wyoming	39 (1.3)	228 (1.5)	9 (0.7)	230 (2.1)	13 (0.7)	215 (2.1)	4 (0.4)	203 (4.1)	35 (1.1)	216 (1.4)
Other Jurisdictions										
DoDEA Overseas	42 (1.1)	223 (1.4)	11 (0.8)	226 (2.3)	9 (0.7)	209 (2.3)	2 (0.3)	*** (***)	36 (1.0)	212 (1.3)
Guam	36 (1.1)	185 (1.8)	6 (0.5)	189 (4.3)	13 (0.7)	176 (2.6)	5 (0.5)	164 (4.8)	41 (0.9)	181 (1.6)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 14

1992 READING ASSESSMENT

POPULATION:	**1992 Grade 4 Public School Students**
REPORTED STATISTICS:	**Average Reading Proficiency by Purposes for Reading (Reading Subscales)**
BREAKDOWNS BY:	**Parents' Education Level**

Purpose for Reading...	**Reading for Literacy Experience**				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation					
Nation	225 (1.6)	224 (2.8)	214 (2.0)	202 (3.0)	212 (1.3)
Northeast	234 (4.8)	225 (9.1)	214 (3.7)	*** (***)	215 (3.2)
Southeast	220 (2.7)	218 (5.3)	210 (4.3)	200 (3.7)	207 (2.8)
Central	224 (2.8)	225 (5.0)	217 (4.0)	*** (***)	214 (2.2)
West	223 (2.9)	227 (3.7)	215 (3.9)	201 (6.0)	211 (1.6)
States					
Alabama	217 (2.4)	221 (3.5)	208 (2.8)	200 (2.8)	201 (2.4)
Arizona	220 (1.4)	221 (2.3)	206 (2.7)	199 (3.7)	207 (1.8)
Arkansas	217 (2.2)	223 (2.2)	214 (2.2)	203 (2.9)	205 (1.6)
California	218 (2.7)	210 (5.1)	198 (4.4)	184 (4.1)	198 (2.5)
Colorado	228 (1.3)	226 (2.6)	213 (2.3)	207 (3.6)	214 (1.5)
Connecticut	235 (1.7)	234 (2.8)	216 (2.9)	207 (3.8)	213 (1.8)
Delaware†	220 (1.7)	222 (2.4)	208 (2.5)	198 (5.0)	209 (1.6)
Florida	216 (1.4)	221 (2.7)	206 (3.4)	204 (3.2)	207 (1.7)
Georgia	223 (2.4)	219 (3.7)	210 (2.4)	204 (3.4)	210 (1.6)
Hawaii	212 (1.9)	208 (3.9)	198 (2.6)	202 (4.8)	204 (2.0)
Indiana	229 (1.8)	232 (2.3)	220 (2.1)	213 (3.8)	220 (1.6)
Iowa	234 (1.4)	232 (2.1)	223 (2.0)	209 (3.6)	219 (1.7)
Kentucky	224 (2.2)	224 (2.6)	216 (2.0)	203 (2.1)	208 (1.4)
Louisiana	209 (2.1)	218 (2.5)	205 (2.2)	201 (2.6)	205 (1.4)
Maine†	236 (1.6)	234 (2.1)	226 (1.9)	218 (4.2)	219 (1.7)
Maryland	221 (1.8)	221 (3.5)	211 (2.7)	200 (5.0)	206 (2.6)
Massachusetts	236 (1.2)	234 (2.2)	225 (2.8)	208 (4.0)	218 (2.2)
Minnesota	228 (1.8)	230 (3.4)	219 (2.6)	*** (***)	216 (1.7)
Mississippi	206 (1.9)	208 (3.1)	199 (2.5)	191 (2.8)	197 (2.2)
Missouri	229 (1.8)	228 (2.6)	217 (2.1)	212 (2.6)	217 (1.7)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	231 (1.5)	233 (3.7)	219 (2.6)	*** (***)	213 (1.7)
New Hampshire†	236 (1.6)	237 (3.1)	222 (3.1)	215 (4.0)	224 (1.7)
New Jersey†	233 (1.7)	231 (3.1)	219 (2.5)	207 (3.8)	215 (2.0)
New Mexico	223 (2.1)	222 (2.6)	213 (2.7)	197 (3.5)	206 (2.7)
New York†	229 (1.5)	224 (2.9)	210 (2.8)	201 (3.8)	210 (1.6)
North Carolina	222 (1.7)	220 (2.8)	209 (2.6)	199 (3.1)	208 (1.8)
North Dakota	235 (1.4)	230 (2.7)	228 (2.3)	*** (***)	219 (1.5)
Pennsylvania	231 (1.6)	233 (2.3)	217 (2.1)	212 (2.9)	215 (1.4)
Rhode Island	227 (2.4)	229 (3.0)	212 (2.3)	208 (4.7)	214 (2.2)
South Carolina	221 (1.8)	225 (2.7)	205 (2.2)	203 (3.3)	209 (1.7)
Tennessee	221 (2.3)	226 (4.5)	213 (2.3)	206 (2.8)	207 (1.6)
Texas	224 (2.2)	221 (3.0)	212 (2.4)	203 (2.9)	210 (1.8)
Utah	229 (1.6)	231 (3.0)	217 (2.1)	210 (4.8)	217 (1.5)
Virginia	232 (2.2)	230 (2.8)	216 (1.9)	209 (2.8)	215 (1.6)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	227 (1.5)	226 (2.1)	215 (2.0)	207 (3.1)	210 (2.1)
Wisconsin	233 (1.8)	232 (2.8)	222 (1.9)	215 (4.6)	220 (1.5)
Wyoming	234 (1.3)	235 (2.5)	221 (2.8)	215 (4.0)	220 (1.5)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	186 (2.5)	199 (5.0)	189 (4.5)	179 (6.0)	187 (2.0)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 14

1992 READING ASSESSMENT

POPULATION:	1992 Grade 4 Public School Students
REPORTED STATISTICS:	Average Reading Proficiency by Purposes for Reading (Reading Subscales)
BREAKDOWNS BY:	Parents' Education Level

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Purpose for Reading...	Reading to Gain Information				
What is the highest level of education either your mother or father obtained?	College Graduate	Some Education After High School	High School Graduate	Did Not Finish High School	I Don't Know
1992 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation					
Nation	221 (1.7)	218 (2.2)	207 (2.0)	192 (2.7)	206 (1.5)
Northeast	230 (5.9)	217 (9.5)	210 (3.6)	*** (***)	208 (4.2)
Southeast	217 (3.1)	213 (4.6)	204 (4.6)	193 (4.4)	203 (2.5)
Central	222 (2.7)	222 (3.2)	211 (3.8)	*** (***)	211 (2.6)
West	216 (2.8)	217 (4.2)	205 (4.9)	188 (5.0)	202 (2.2)
States					
Alabama	211 (2.2)	211 (3.0)	205 (2.6)	193 (3.0)	196 (2.3)
Arizona	215 (1.9)	210 (3.9)	201 (2.8)	191 (3.7)	201 (1.8)
Arkansas	217 (2.1)	222 (2.5)	207 (2.2)	200 (2.7)	201 (2.1)
California	213 (2.7)	201 (4.3)	199 (4.7)	171 (5.1)	187 (2.5)
Colorado	221 (1.7)	220 (2.8)	208 (2.7)	196 (3.2)	202 (1.9)
Connecticut	230 (1.7)	225 (3.8)	209 (3.0)	193 (4.1)	207 (2.0)
Delaware†	220 (1.4)	221 (2.9)	200 (2.6)	197 (4.5)	210 (2.0)
Florida	210 (2.1)	209 (3.1)	206 (2.7)	195 (4.2)	200 (1.7)
Georgia	219 (2.3)	218 (3.1)	202 (2.5)	197 (3.2)	201 (1.6)
Hawaii	206 (2.2)	208 (3.8)	192 (2.8)	193 (4.3)	196 (2.2)
Indiana	224 (2.0)	226 (3.1)	215 (2.4)	209 (4.3)	211 (1.9)
Iowa	233 (1.7)	229 (2.6)	220 (1.8)	202 (3.8)	214 (2.0)
Kentucky	215 (2.3)	220 (2.7)	210 (2.2)	197 (2.6)	203 (1.8)
Louisiana	202 (2.4)	211 (2.4)	196 (1.9)	191 (2.2)	197 (1.3)
Maine†	233 (1.9)	235 (3.0)	220 (2.0)	208 (4.5)	216 (2.2)
Maryland	213 (2.2)	215 (3.7)	202 (3.2)	191 (5.2)	201 (2.2)
Massachusetts	233 (1.3)	230 (3.5)	218 (3.1)	202 (3.6)	212 (2.0)
Minnesota	224 (1.7)	231 (2.8)	217 (2.4)	*** (***)	212 (1.7)
Mississippi	203 (1.6)	211 (3.1)	195 (2.4)	186 (2.7)	193 (1.9)
Missouri	226 (2.3)	226 (2.9)	214 (2.3)	209 (3.2)	209 (1.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	224 (2.1)	227 (3.6)	214 (2.9)	*** (***)	209 (1.7)
New Hampshire†	232 (1.9)	230 (2.7)	219 (2.4)	208 (3.6)	220 (2.2)
New Jersey†	231 (2.0)	229 (3.0)	213 (3.4)	203 (5.2)	209 (2.3)
New Mexico	221 (2.5)	214 (3.9)	206 (2.1)	190 (3.8)	199 (1.9)
New York†	223 (1.9)	217 (3.0)	207 (2.6)	193 (4.1)	204 (2.4)
North Carolina	217 (1.9)	216 (2.7)	203 (2.1)	192 (2.7)	203 (1.9)
North Dakota	230 (1.5)	228 (3.4)	218 (2.5)	*** (***)	211 (2.2)
Pennsylvania	226 (2.1)	228 (3.0)	215 (2.0)	205 (3.3)	209 (2.0)
Rhode Island	225 (2.5)	226 (3.0)	207 (3.3)	198 (5.5)	204 (2.4)
South Carolina	213 (1.9)	216 (3.9)	195 (3.0)	192 (2.9)	200 (2.1)
Tennessee	219 (2.4)	217 (3.7)	206 (2.9)	197 (2.7)	201 (1.7)
Texas	219 (2.5)	218 (3.0)	204 (2.5)	197 (3.4)	204 (1.9)
Utah	224 (1.4)	224 (2.4)	214 (3.3)	205 (4.6)	211 (1.8)
Virginia	226 (1.8)	220 (2.8)	214 (1.7)	205 (3.1)	210 (1.7)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	223 (1.9)	222 (2.7)	209 (2.1)	199 (2.9)	205 (1.8)
Wisconsin	228 (1.6)	233 (2.6)	217 (1.9)	209 (3.7)	212 (1.9)
Wyoming	226 (1.6)	225 (3.0)	213 (2.4)	204 (4.8)	210 (1.8)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	179 (2.2)	183 (5.7)	174 (3.9)	171 (5.2)	175 (2.2)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 14

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Purpose for Reading...	**Reading for Literacy Experience**				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation					
Nation	224 (1.5)	224 (2.4)	208 (2.1)	189 (3.4)<	207 (1.3)
Northeast	224 (3.1)	224 (4.2)	204 (3.7)	*** (***)	209 (2.2)
Southeast	218 (3.5)	227 (3.1)	208 (4.3)	186 (4.8)	203 (2.9)
Central	228 (3.0)	223 (5.6)	217 (4.2)	*** (***)	213 (3.4)
West	224 (2.7)	223 (5.3)	202 (4.2)	188 (6.9)	205 (2.8)
States					
Alabama	218 (1.8)	219 (3.4)	204 (3.3)	199 (3.8)	203 (2.1)
Arizona	221 (2.3)	222 (3.8)	203 (3.5)	191 (4.1)	203 (2.7)
Arkansas	216 (2.3)	226 (3.2)	204 (2.8)	195 (4.1)	207 (2.7)
California	210 (2.1)	209 (3.8)	193 (4.4)	167 (4.7)	194 (2.4)
Colorado	225 (1.4)	225 (3.7)	219 (2.8)	202 (6.1)	207 (2.0)<
Connecticut	232 (1.9)	235 (2.9)	213 (3.2)	202 (7.9)	213 (2.4)
Delaware	218 (1.8)	218 (3.8)	206 (3.5)	192 (6.0)	202 (2.3)
Florida	213 (2.4)	219 (3.9)	198 (3.2)	184 (4.8)<	204 (2.5)
Georgia	217 (2.8)	220 (3.8)	199 (3.6)	187 (6.3)	201 (2.5)<
Hawaii	210 (2.0)	218 (5.5)	194 (2.6)	194 (6.1)	197 (2.2)
Indiana	231 (1.7)	232 (3.2)	216 (3.2)	198 (5.4)	213 (1.6)<
Iowa	230 (1.7)	232 (3.2)	222 (2.6)	216 (5.2)	217 (1.7)
Kentucky	217 (2.2)	223 (3.3)	216 (2.0)	193 (3.6)	208 (2.2)
Louisiana	200 (2.5)	212 (2.7)	197 (2.6)	190 (3.3)	196 (2.1)<
Maine	238 (1.6)	238 (3.1)	226 (3.3)	220 (3.8)	221 (1.7)
Maryland	220 (2.2)	218 (4.7)	205 (4.2)	205 (6.6)	205 (2.1)
Massachusetts	234 (1.7)	232 (2.6)	214 (3.1)	205 (3.9)	215 (1.9)
Minnesota	230 (1.7)	220 (2.7)	216 (3.3)	*** (***)	212 (2.1)
Mississippi	209 (2.5)	213 (3.8)	199 (3.1)	192 (3.8)	199 (2.6)
Missouri	226 (2.2)	230 (3.6)	217 (2.5)	204 (3.7)	211 (1.9)
Montana†	232 (1.9)	229 (3.8)	221 (2.2)	218 (4.9)	217 (2.3)
Nebraska†	232 (1.7)	234 (4.1)	217 (2.9)	*** (***)	210 (1.7)
New Hampshire†	233 (2.2)	238 (3.7)	225 (3.0)	212 (6.2)	217 (2.0)
New Jersey	231 (1.7)	228 (2.9)	212 (3.3)	191 (6.3)	212 (1.8)
New Mexico	218 (2.0)	224 (3.6)	200 (3.5)<	194 (5.3)	200 (2.2)
New York	221 (2.4)	226 (3.7)	213 (3.1)	203 (5.1)	206 (2.0)
North Carolina	223 (2.5)	228 (2.4)	206 (2.5)	199 (2.7)	210 (1.8)
North Dakota	234 (1.5)	232 (3.6)	220 (2.9)	*** (***)	219 (2.2)
Pennsylvania†	225 (2.3)	224 (2.8)	212 (2.3)	190 (5.5)<	210 (2.8)
Rhode Island†	229 (1.9)	233 (2.9)	219 (2.6)	203 (4.7)	213 (2.0)
South Carolina	213 (2.5)	218 (4.1)	196 (2.8)	192 (3.2)	202 (1.7)<
Tennessee†	219 (2.7)	229 (4.0)	213 (3.4)	205 (4.5)	206 (2.4)
Texas	223 (3.4)	229 (3.6)	210 (3.7)	199 (3.3)	207 (2.0)
Utah	231 (1.6)	226 (3.2)	213 (2.8)	*** (***)	215 (1.8)
Virginia	223 (2.3)	220 (3.8)	211 (2.9)	198 (4.4)	209 (1.9)
Washington	226 (1.8)	219 (2.6)	213 (3.0)	201 (5.6)	205 (1.8)
West Virginia	223 (1.7)	227 (3.7)	217 (2.0)	201 (4.0)	206 (1.5)
Wisconsin†	233 (1.9)	231 (2.9)	225 (2.9)	219 (3.9)	217 (1.9)
Wyoming	230 (1.7)	233 (2.1)	217 (2.3)	207 (4.3)	219 (1.5)
Other Jurisdictions					
DoDEA Overseas	222 (1.9)	228 (2.6)	214 (3.1)	*** (***)	216 (1.4)
Guam	188 (2.0)	195 (5.2)	178 (3.4)	160 (9.0)	184 (2.0)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 14 — 1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Average Reading Proficiency by**
BREAKDOWNS BY: **Parents' Education Level**

Purpose for Reading...	Reading to Gain Information				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1994 JURISDICTIONS	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)	PROF (SE)
Nation					
Nation	220 (1.4)	218 (2.5)	205 (2.0)	186 (4.4)	201 (1.6)
Northeast	219 (3.2)	219 (5.0)	200 (3.8)	*** (***)	201 (2.1)
Southeast	214 (2.6)	217 (4.4)	205 (4.0)	186 (5.8)	196 (2.9)
Central	223 (3.4)	218 (5.1)	213 (4.4)	*** (***)	206 (3.3)
West	222 (2.3)	219 (5.4)	201 (4.1)	187 (7.1)	201 (2.5)
States					
Alabama	215 (2.4)	215 (4.0)	197 (2.6)	195 (3.2)	198 (2.7)
Arizona	215 (2.6)	215 (4.2)	197 (3.9)	185 (4.0)	192 (2.3)<
Arkansas	214 (2.6)	216 (3.6)	202 (3.0)	198 (4.0)	200 (2.7)
California	204 (2.4)	205 (3.9)	189 (4.6)	164 (5.7)	184 (3.2)
Colorado	218 (1.7)	215 (3.5)	206 (3.5)	180 (6.5)	201 (1.9)
Connecticut	231 (1.8)	232 (4.1)	205 (4.6)	207 (6.6)	210 (2.5)
Delaware	210 (1.4)<<	217 (3.6)	197 (3.7)	177 (6.3)	195 (2.1)<<
Florida	210 (2.6)	219 (3.4)	192 (3.9)<	190 (6.0)	195 (2.1)
Georgia	217 (3.1)	217 (3.6)	199 (3.6)	182 (5.0)	197 (2.9)
Hawaii	205 (2.2)	211 (4.9)	193 (3.9)	189 (5.8)	192 (2.6)
Indiana	227 (1.8)	227 (3.0)	217 (2.4)	199 (4.8)	207 (1.9)
Iowa	228 (1.8)	231 (4.0)	216 (2.7)	204 (4.2)	212 (2.3)
Kentucky	219 (2.3)	221 (3.3)	206 (2.9)	197 (3.1)	203 (2.5)
Louisiana	199 (2.3)	206 (3.4)	195 (2.1)	185 (2.5)	191 (2.1)
Maine	233 (1.8)	234 (2.9)	224 (3.3)	207 (4.1)	215 (1.8)
Maryland	214 (2.5)	211 (5.2)	199 (4.4)	181 (5.9)	200 (2.3)
Massachusetts	230 (1.8)	227 (3.4)	211 (3.7)	208 (4.9)	208 (2.0)
Minnesota	227 (1.7)	219 (3.7)	208 (3.6)	*** (***)	207 (2.3)
Mississippi	205 (2.0)	213 (4.1)	198 (3.6)	192 (3.4)	196 (2.3)
Missouri	224 (2.2)	223 (3.6)	214 (2.8)	192 (5.0)	206 (2.1)
Montana†	228 (1.9)	225 (2.4)	217 (3.0)	203 (5.7)	211 (1.9)
Nebraska†	229 (1.8)	229 (3.1)	213 (2.8)	*** (***)	205 (2.0)
New Hampshire†	227 (2.2)	234 (3.9)	214 (3.4)	202 (6.2)	212 (2.2)
New Jersey	228 (1.8)	222 (3.7)	206 (3.3)	194 (6.7)	205 (1.9)
New Mexico	212 (2.2)	215 (3.0)	199 (3.8)	180 (4.7)	190 (2.7)
New York	219 (2.3)	221 (3.4)	203 (3.0)	188 (4.7)	198 (2.4)
North Carolina	223 (1.9)	224 (3.3)	201 (2.3)	191 (3.9)	202 (2.1)
North Dakota	233 (1.4)	232 (3.3)	212 (3.5)	*** (***)	215 (2.3)
Pennsylvania†	223 (2.6)	218 (3.3)	207 (3.0)	184 (6.8)	205 (2.7)
Rhode Island†	227 (2.3)	225 (3.5)	215 (3.0)	204 (6.0)	208 (1.9)
South Carolina	213 (1.9)	213 (4.4)	189 (2.7)	186 (3.3)	193 (1.6)
Tennessee†	218 (3.0)	221 (4.9)	213 (3.7)	193 (4.2)	201 (2.4)
Texas	222 (2.9)	218 (3.0)	204 (3.9)	190 (4.2)	203 (2.0)
Utah	220 (1.8)	223 (3.0)	210 (2.7)	*** (***)	202 (1.8)<
Virginia	218 (2.0)<	219 (3.7)	203 (2.6)<	194 (4.9)	206 (2.0)
Washington	220 (1.9)	212 (3.1)	205 (3.6)	191 (5.5)	200 (2.1)
West Virginia	220 (1.5)	225 (2.8)	209 (2.6)	189 (3.0)	203 (1.8)
Wisconsin†	233 (2.1)	223 (2.5)	220 (2.8)	204 (5.6)	216 (2.0)
Wyoming	225 (1.6)	226 (3.1)	212 (2.6)	198 (4.8)	212 (1.6)
Other Jurisdictions					
DoDEA Overseas	223 (1.5)	223 (3.2)	202 (2.6)	*** (***)	208 (1.8)
Guam	180 (2.1)	183 (5.8)	173 (2.9)	170 (4.8)	177 (1.9)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	10 (1.2)	8 (2.3)	3 (1.1)	1 (1.4)	3 (0.8)
Northeast	15 (4.4)	10 (8.5)	3 (2.8)	*** (***)	4 (1.7)
Southeast	8 (1.2)	6 (3.3)	2 (1.6)	0 (0.6)	2 (0.9)
Central	8 (1.9)	7 (4.3)	3 (1.7)	*** (***)	4 (1.4)
West	8 (2.2)	9 (3.2)	3 (2.4)	2 (1.8)	3 (1.5)
States					
Alabama	5 (0.9)	5 (2.1)	3 (0.9)	1 (0.6)	1 (0.5)
Arizona	5 (1.2)	3 (1.6)	2 (1.3)	2 (1.6)	2 (0.5)
Arkansas	6 (1.2)	6 (2.4)	3 (0.7)	1 (1.1)	2 (0.8)
California	7 (1.4)	3 (1.8)	2 (1.7)	0 (0.7)	1 (0.7)
Colorado	6 (1.0)	5 (1.7)	2 (1.0)	1 (1.7)	2 (0.7)
Connecticut	11 (2.0)	8 (2.0)	2 (0.8)	0 (***)	2 (0.7)
Delaware†	7 (1.0)	7 (2.6)	2 (0.8)	0 (0.4)	3 (0.8)
Florida	5 (0.8)	5 (2.2)	3 (0.9)	1 (2.0)	2 (0.5)
Georgia	8 (1.6)	8 (3.0)	3 (1.4)	2 (1.1)	3 (0.9)
Hawaii	3 (0.8)	3 (1.7)	2 (1.0)	1 (1.3)	2 (0.8)
Indiana	9 (1.3)	8 (2.3)	4 (1.7)	1 (1.3)	3 (1.1)
Iowa	10 (1.0)	8 (2.2)	6 (1.9)	3 (1.9)	4 (1.3)
Kentucky	5 (1.5)	6 (2.1)	3 (1.0)	1 (0.8)	2 (0.8)
Louisiana	3 (1.0)	4 (2.2)	1 (0.5)	1 (1.2)	2 (0.5)
Maine†	11 (1.5)	6 (3.1)	3 (1.3)	0 (0.7)	3 (0.7)
Maryland	7 (1.2)	4 (2.3)	3 (1.2)	1 (0.9)	2 (0.6)
Massachusetts	10 (1.2)	7 (3.0)	3 (1.7)	1 (2.0)	2 (0.8)
Minnesota	8 (1.1)	9 (2.8)	4 (1.2)	*** (***)	3 (0.8)
Mississippi	2 (0.6)	4 (2.2)	1 (0.4)	1 (0.6)	2 (0.6)
Missouri	9 (1.4)	8 (2.0)	3 (0.9)	3 (1.7)	3 (0.7)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	8 (1.1)	10 (3.8)	3 (1.4)	*** (***)	2 (0.9)
New Hampshire†	11 (1.8)	10 (2.7)	5 (1.6)	1 (1.5)	4 (1.3)
New Jersey†	12 (1.9)	9 (3.3)	4 (1.6)	3 (2.3)	4 (0.9)
New Mexico	7 (1.3)	5 (2.0)	2 (1.1)	0 (***)	2 (1.0)
New York†	9 (1.3)	4 (1.8)	2 (1.2)	1 (1.1)	2 (0.5)
North Carolina	8 (1.6)	5 (1.8)	3 (1.0)	2 (1.0)	3 (0.7)
North Dakota	9 (1.2)	7 (2.2)	5 (1.8)	*** (***)	3 (1.0)
Pennsylvania	10 (1.4)	10 (3.0)	3 (1.5)	1 (1.9)	2 (0.6)
Rhode Island	9 (1.5)	7 (2.7)	2 (1.5)	1 (1.1)	3 (1.0)
South Carolina	6 (1.3)	6 (2.3)	2 (0.9)	1 (1.0)	2 (0.6)
Tennessee	7 (1.7)	7 (1.9)	2 (0.9)	1 (0.8)	1 (0.5)
Texas	8 (1.4)	3 (1.7)	2 (0.8)	1 (1.4)	3 (0.8)
Utah	7 (1.2)	8 (2.9)	2 (1.2)	1 (0.8)	3 (0.5)
Virginia	10 (1.7)	7 (2.6)	3 (1.2)	1 (0.9)	2 (0.7)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	8 (1.5)	7 (1.9)	3 (0.7)	1 (1.4)	3 (0.7)
Wisconsin	10 (1.2)	9 (1.6)	3 (1.3)	1 (1.1)	3 (0.6)
Wyoming	8 (1.2)	8 (1.9)	2 (1.1)	2 (2.7)	3 (0.7)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	1 (0.5)	2 (1.4)	1 (0.6)	1 (1.1)	1 (0.3)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Percentage of students...	At or Above Proficient Achievement Level				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	36 (2.0)	32 (3.6)	21 (2.3)	11 (2.4)	20 (1.6)
Northeast	47 (6.1)	34 (9.5)	19 (4.9)	*** (***)	23 (4.6)
Southeast	31 (3.8)	28 (5.0)	18 (4.2)	9 (4.4)	15 (2.9)
Central	35 (3.6)	32 (7.4)	22 (4.1)	*** (***)	24 (3.1)
West	32 (3.4)	33 (4.4)	24 (6.5)	14 (4.0)	18 (1.8)
States					
Alabama	27 (2.3)	27 (3.2)	17 (2.4)	10 (2.2)	13 (1.9)
Arizona	29 (1.9)	27 (4.2)	16 (3.2)	11 (3.5)	15 (1.3)
Arkansas	29 (2.6)	34 (4.3)	22 (2.2)	14 (2.9)	15 (1.5)
California	30 (2.8)	23 (4.9)	15 (5.1)	5 (3.0)	12 (1.7)
Colorado	33 (1.9)	33 (4.0)	18 (2.7)	14 (2.8)	17 (1.7)
Connecticut	47 (2.3)	42 (4.8)	21 (3.6)	10 (4.2)	20 (1.7)
Delaware†	33 (1.8)	28 (4.4)	16 (3.5)	9 (3.8)	19 (1.7)
Florida	26 (1.9)	26 (3.5)	20 (2.6)	14 (4.2)	17 (1.4)
Georgia	34 (2.4)	33 (3.1)	18 (2.9)	13 (3.1)	18 (1.7)
Hawaii	21 (1.8)	22 (4.2)	12 (2.2)	14 (4.6)	14 (1.9)
Indiana	38 (2.3)	40 (4.8)	27 (2.9)	17 (4.1)	24 (2.2)
Iowa	47 (2.2)	42 (3.8)	29 (2.3)	13 (3.8)	25 (2.0)
Kentucky	30 (3.1)	33 (3.8)	22 (2.2)	11 (2.4)	17 (1.8)
Louisiana	18 (1.9)	26 (2.6)	12 (1.7)	9 (2.1)	12 (1.5)
Maine†	46 (2.8)	47 (5.5)	30 (3.2)	17 (6.7)	24 (2.1)
Maryland	31 (1.6)	29 (4.5)	19 (3.5)	12 (3.8)	16 (1.9)
Massachusetts	48 (2.0)	41 (3.7)	28 (4.5)	14 (4.0)	22 (2.5)
Minnesota	38 (2.5)	45 (4.8)	27 (3.0)	*** (***)	23 (2.0)
Mississippi	17 (1.7)	23 (4.2)	12 (2.1)	7 (1.8)	10 (1.2)
Missouri	40 (2.5)	38 (3.8)	24 (2.5)	17 (4.2)	21 (1.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	39 (2.3)	43 (6.3)	21 (3.0)	*** (***)	19 (2.0)
New Hampshire†	46 (2.5)	46 (5.4)	29 (2.9)	17 (4.7)	31 (2.6)
New Jersey†	46 (2.5)	44 (4.4)	25 (4.0)	14 (6.0)	23 (2.0)
New Mexico	33 (2.3)	29 (3.2)	18 (2.8)	8 (3.0)	17 (1.8)
New York†	38 (2.4)	32 (4.6)	21 (3.1)	12 (3.7)	18 (1.7)
North Carolina	34 (2.2)	30 (3.5)	18 (2.2)	9 (2.6)	19 (2.0)
North Dakota	44 (2.2)	41 (3.7)	31 (4.2)	*** (***)	22 (1.9)
Pennsylvania	43 (2.0)	44 (4.1)	25 (3.2)	18 (3.4)	22 (1.6)
Rhode Island	37 (3.2)	39 (4.6)	19 (3.3)	14 (3.2)	21 (1.9)
South Carolina	30 (2.0)	31 (5.0)	13 (2.1)	9 (2.7)	16 (1.4)
Tennessee	32 (3.0)	36 (5.9)	19 (2.6)	12 (2.7)	14 (1.7)
Texas	35 (3.4)	29 (3.5)	17 (3.0)	12 (2.7)	17 (1.9)
Utah	39 (2.4)	40 (3.8)	21 (4.0)	19 (5.9)	22 (1.9)
Virginia	42 (2.5)	35 (3.4)	23 (2.5)	16 (3.8)	22 (1.9)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	36 (2.4)	33 (3.4)	21 (2.3)	13 (2.9)	16 (2.1)
Wisconsin	43 (2.6)	42 (4.0)	27 (2.1)	14 (5.5)	25 (2.1)
Wyoming	42 (2.2)	41 (3.8)	25 (3.4)	17 (4.6)	24 (2.2)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	9 (1.4)	11 (3.9)	9 (2.0)	6 (2.8)	6 (1.2)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 15

1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

Percentage of students...	**At or Above Basic Achievement Level**				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	68 (1.9)	68 (3.3)	56 (2.3)	38 (3.9)	54 (1.7)
Northeast	77 (4.8)	65 (9.5)	57 (5.0)	*** (***)	56 (4.5)
Southeast	63 (3.4)	61 (7.1)	53 (4.5)	39 (8.6)	50 (4.9)
Central	71 (3.7)	72 (4.4)	62 (4.9)	*** (***)	59 (2.3)
West	64 (3.3)	70 (6.7)	52 (4.8)	36 (5.1)	52 (1.9)
States					
Alabama	59 (2.8)	63 (4.3)	51 (3.5)	39 (3.8)	43 (3.0)
Arizona	64 (2.4)	64 (4.7)	49 (3.6)	37 (5.3)	48 (2.3)
Arkansas	62 (2.6)	68 (2.6)	57 (2.9)	43 (3.6)	48 (2.2)
California	61 (2.9)	53 (5.9)	45 (5.1)	25 (5.2)	38 (2.5)
Colorado	74 (1.8)	73 (3.3)	56 (3.4)	45 (4.9)	54 (2.4)
Connecticut	80 (1.9)	79 (3.3)	59 (4.1)	47 (6.3)	57 (2.4)
Delaware†	65 (2.3)	68 (4.1)	49 (3.5)	38 (6.9)	53 (2.7)
Florida	58 (2.1)	61 (3.5)	50 (4.0)	41 (5.0)	47 (2.3)
Georgia	67 (2.4)	61 (4.0)	53 (3.3)	43 (5.5)	49 (1.9)
Hawaii	54 (2.6)	56 (4.8)	37 (3.1)	44 (6.7)	43 (2.3)
Indiana	74 (1.9)	78 (3.1)	64 (3.0)	57 (6.2)	62 (2.6)
Iowa	82 (1.5)	81 (3.0)	69 (2.7)	46 (7.2)	64 (2.4)
Kentucky	66 (2.6)	70 (3.2)	61 (3.0)	43 (3.5)	49 (2.3)
Louisiana	50 (2.8)	59 (3.4)	43 (2.6)	34 (5.0)	42 (2.0)
Maine†	83 (2.1)	86 (3.6)	74 (3.3)	58 (8.6)	65 (3.1)
Maryland	63 (2.1)	65 (3.5)	51 (3.4)	38 (6.2)	49 (2.6)
Massachusetts	84 (1.4)	85 (3.4)	72 (3.5)	45 (7.0)	61 (2.7)
Minnesota	74 (2.4)	79 (3.0)	67 (3.2)	*** (***)	60 (2.2)
Mississippi	47 (2.4)	52 (3.8)	42 (3.2)	28 (4.2)	37 (2.3)
Missouri	75 (2.1)	75 (3.9)	62 (3.4)	56 (5.5)	59 (2.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	76 (1.9)	79 (3.7)	64 (3.5)	*** (***)	56 (2.3)
New Hampshire†	83 (2.1)	83 (3.4)	69 (3.5)	58 (7.8)	70 (2.9)
New Jersey†	80 (1.9)	80 (3.2)	62 (3.5)	49 (6.2)	57 (2.6)
New Mexico	67 (2.5)	64 (3.7)	55 (3.1)	31 (6.0)	45 (1.9)
New York†	74 (2.5)	69 (4.0)	56 (4.1)	39 (6.9)	53 (2.2)
North Carolina	65 (1.9)	63 (3.8)	50 (3.1)	39 (3.9)	50 (2.1)
North Dakota	82 (1.9)	80 (3.9)	73 (4.2)	*** (***)	62 (2.3)
Pennsylvania	76 (2.1)	78 (3.2)	63 (3.2)	55 (4.8)	59 (2.4)
Rhode Island	73 (2.7)	76 (3.6)	54 (3.9)	48 (6.7)	54 (3.1)
South Carolina	61 (2.3)	70 (3.9)	43 (3.1)	39 (5.0)	48 (3.1)
Tennessee	65 (2.7)	70 (4.3)	56 (3.3)	44 (4.8)	47 (2.2)
Texas	67 (2.5)	67 (4.3)	52 (3.3)	42 (4.2)	50 (2.5)
Utah	75 (2.0)	76 (3.3)	62 (3.6)	50 (6.7)	60 (2.8)
Virginia	75 (2.3)	74 (3.9)	61 (3.3)	50 (4.7)	59 (2.9)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	72 (1.9)	71 (3.0)	58 (2.7)	47 (4.1)	51 (2.3)
Wisconsin	78 (2.1)	82 (2.9)	67 (2.5)	61 (7.3)	63 (2.0)
Wyoming	80 (1.7)	80 (3.4)	66 (4.2)	52 (6.6)	62 (2.4)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	28 (2.2)	38 (6.5)	28 (2.6)	20 (5.4)	27 (2.1)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Percentage of students...	**Below Basic Achievement Level**				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1992 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	32 (1.9)	32 (3.3)	44 (2.3)	62 (3.9)	46 (1.7)
Northeast	23 (4.8)	35 (9.5)	43 (5.0)	*** (***)	44 (4.5)
Southeast	37 (3.4)	39 (7.1)	47 (4.5)	61 (8.6)	50 (4.9)
Central	29 (3.7)	28 (4.4)	38 (4.9)	*** (***)	41 (2.3)
West	36 (3.3)	30 (6.7)	48 (4.8)	64 (5.1)	48 (1.9)
States					
Alabama	41 (2.8)	37 (4.3)	49 (3.5)	61 (3.8)	57 (3.0)
Arizona	36 (2.4)	36 (4.7)	51 (3.6)	63 (5.3)	52 (2.3)
Arkansas	38 (2.6)	32 (2.6)	43 (2.9)	57 (3.6)	52 (2.2)
California	39 (2.9)	47 (5.9)	55 (5.1)	75 (5.2)	62 (2.5)
Colorado	26 (1.8)	27 (3.3)	44 (3.4)	55 (4.9)	46 (2.4)
Connecticut	20 (1.9)	21 (3.3)	41 (4.1)	53 (6.3)	43 (2.4)
Delaware†	35 (2.3)	32 (4.1)	51 (3.5)	62 (6.9)	47 (2.7)
Florida	42 (2.1)	39 (3.5)	50 (4.0)	59 (5.0)	53 (2.3)
Georgia	33 (2.4)	39 (4.0)	47 (3.3)	57 (5.5)	51 (1.9)
Hawaii	46 (2.6)	44 (4.8)	63 (3.1)	56 (6.7)	57 (2.3)
Indiana	26 (1.9)	22 (3.1)	36 (3.0)	43 (6.2)	38 (2.6)
Iowa	18 (1.5)	19 (3.0)	31 (2.7)	54 (7.2)	36 (2.4)
Kentucky	34 (2.6)	30 (3.2)	39 (3.0)	57 (3.5)	51 (2.3)
Louisiana	50 (2.8)	41 (3.4)	57 (2.6)	66 (5.0)	58 (2.0)
Maine†	17 (2.1)	14 (3.6)	26 (3.3)	42 (8.6)	35 (3.1)
Maryland	37 (2.1)	35 (3.5)	49 (3.4)	62 (6.2)	51 (2.6)
Massachusetts	16 (1.4)	15 (3.4)	28 (3.5)	55 (7.0)	39 (2.7)
Minnesota	26 (2.4)	21 (3.0)	33 (3.2)	*** (***)	40 (2.2)
Mississippi	53 (2.4)	48 (3.8)	58 (3.2)	72 (4.2)	63 (2.3)
Missouri	25 (2.1)	25 (3.9)	38 (3.4)	44 (5.5)	41 (2.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	24 (1.9)	21 (3.7)	36 (3.5)	*** (***)	44 (2.3)
New Hampshire†	17 (2.1)	17 (3.4)	31 (3.5)	42 (7.8)	30 (2.9)
New Jersey†	20 (1.9)	20 (3.2)	38 (3.5)	51 (6.2)	43 (2.6)
New Mexico	33 (2.5)	36 (3.7)	45 (3.1)	69 (6.0)	55 (1.9)
New York†	26 (2.5)	31 (4.0)	44 (4.1)	61 (6.9)	47 (2.2)
North Carolina	35 (1.9)	37 (3.8)	50 (3.1)	61 (3.9)	50 (2.1)
North Dakota	18 (1.9)	20 (3.9)	27 (4.2)	*** (***)	38 (2.3)
Pennsylvania	24 (2.1)	22 (3.2)	37 (3.2)	45 (4.8)	41 (2.4)
Rhode Island	27 (2.7)	24 (3.6)	46 (3.9)	52 (6.7)	46 (3.1)
South Carolina	39 (2.3)	30 (3.9)	57 (3.1)	61 (5.0)	52 (3.1)
Tennessee	35 (2.7)	30 (4.3)	44 (3.3)	56 (4.8)	53 (2.2)
Texas	33 (2.5)	33 (4.3)	48 (3.3)	58 (4.2)	50 (2.5)
Utah	25 (2.0)	24 (3.3)	38 (3.6)	50 (6.7)	40 (2.8)
Virginia	25 (2.3)	26 (3.9)	39 (3.3)	50 (4.7)	41 (2.9)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	28 (1.9)	29 (3.0)	42 (2.7)	53 (4.1)	49 (2.3)
Wisconsin	22 (2.1)	18 (2.9)	33 (2.5)	39 (7.3)	37 (2.0)
Wyoming	20 (1.7)	20 (3.4)	34 (4.2)	48 (6.6)	38 (2.4)
Other Jurisdictions					
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	72 (2.2)	62 (6.5)	72 (2.6)	80 (5.4)	73 (2.1)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Percentage of students...	At or Above Advanced Achievement Level				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	11 (1.3)	9 (2.1)	4 (1.3)	1 (1.3)	4 (0.7)
Northeast	11 (3.1)	8 (3.5)	4 (2.8)	*** (***)	3 (1.0)
Southeast	9 (1.3)	11 (3.1)	4 (1.5)	1 (1.7)	3 (1.2)
Central	11 (2.4)	7 (3.7)	6 (3.4)	*** (***)	4 (1.5)
West	11 (1.7)	9 (2.6)	2 (1.4)	1 (2.0)	5 (1.3)
States					
Alabama	8 (1.3)	8 (2.4)	2 (0.9)	2 (1.3)	3 (0.9)
Arizona	9 (1.6)	11 (3.0)	3 (2.0)	2 (1.7)	4 (0.7)
Arkansas	7 (1.3)	8 (2.4)	3 (1.2)	1 (1.7)	3 (1.0)
California	6 (0.9)	4 (2.6)	2 (0.9)	0 (***)	2 (0.8)
Colorado	8 (1.3)	7 (2.2)	5 (2.1)	2 (1.8)	3 (0.8)
Connecticut	15 (2.0)	14 (3.2)	5 (2.0)	7 (3.8)	6 (1.1)
Delaware	8 (1.4)	8 (3.8)	3 (1.3)	1 (0.9)	3 (1.0)
Florida	7 (1.3)	7 (2.9)	4 (1.3)	1 (1.4)	4 (0.8)
Georgia	11 (1.8)	9 (2.9)	4 (1.4)	1 (1.0)	3 (0.9)
Hawaii	5 (0.9)	9 (2.4)	2 (1.0)	2 (2.7)	3 (1.0)
Indiana	11 (1.6)	11 (2.3)	6 (1.6)	1 (0.9)	3 (0.9)
Iowa	11 (1.6)	12 (2.7)	5 (2.0)	2 (2.3)	5 (1.1)
Kentucky	8 (1.6)	9 (2.7)	6 (1.4)	3 (1.3)	3 (1.3)
Louisiana	4 (1.0)	5 (2.1)	2 (0.8)	0 (0.5)	1 (0.8)
Maine	14 (1.8)	13 (2.6)	7 (1.7)	3 (3.0)	5 (0.8)
Maryland	9 (1.2)	7 (2.6)	5 (1.9)	2 (2.5)	4 (0.9)
Massachusetts	11 (1.6)	10 (2.8)	3 (2.1)	2 (2.8)	4 (1.2)
Minnesota	11 (1.3)	6 (1.6)	7 (1.8)	*** (***)	4 (0.8)
Mississippi	6 (1.1)	7 (3.7)	2 (0.8)	2 (1.0)	2 (0.8)
Missouri	11 (1.6)	11 (2.6)	7 (1.9)	1 (0.6)	4 (0.9)
Montana†	11 (1.6)	8 (2.7)	5 (1.7)	1 (1.3)	4 (0.9)
Nebraska†	12 (1.8)	12 (3.0)	6 (1.7)	*** (***)	4 (1.0)
New Hampshire†	11 (1.7)	15 (3.0)	8 (2.6)	5 (3.2)	4 (1.3)
New Jersey	12 (1.3)	10 (2.4)	4 (1.6)	3 (3.0)	4 (0.9)
New Mexico	8 (1.2)	7 (1.9)	2 (0.8)	2 (1.3)	2 (0.6)
New York	9 (1.3)	9 (4.5)	4 (2.2)	2 (1.6)	4 (0.6)
North Carolina	12 (1.3)	12 (3.2)	3 (1.1)	1 (1.0)	4 (1.1)
North Dakota	12 (1.5)	10 (2.7)	3 (2.0)	*** (***)	4 (0.8)
Pennsylvania†	11 (1.6)	8 (2.2)	3 (0.9)	1 (0.7)	3 (0.8)
Rhode Island†	12 (2.0)	8 (2.6)	5 (1.9)	6 (3.3)	4 (1.1)
South Carolina	7 (1.0)	6 (2.1)	2 (1.0)	1 (1.2)	2 (0.6)
Tennessee†	8 (1.6)	11 (3.8)	5 (1.6)	1 (1.1)	3 (0.9)
Texas	10 (1.7)	7 (1.7)	4 (1.6)	0 (0.7)	3 (0.6)
Utah	9 (1.3)	8 (2.3)	4 (1.4)	*** (***)	3 (0.8)
Virginia	10 (1.3)	9 (2.7)	4 (1.5)	2 (1.9)	5 (1.3)
Washington	9 (1.3)	5 (2.0)	4 (1.3)	2 (2.5)	3 (0.9)
West Virginia	8 (1.4)	10 (2.2)	5 (1.4)	2 (1.7)	3 (0.7)
Wisconsin†	11 (1.4)	8 (2.9)	6 (1.8)	4 (2.7)	3 (1.4)
Wyoming	8 (1.1)	7 (2.1)	3 (1.2)	1 (1.1)	4 (0.8)
Other Jurisdictions					
DoDEA Overseas	8 (1.3)	7 (1.6)	2 (1.7)	*** (***)	3 (0.9)
Guam	2 (0.6)	3 (1.8)	0 (0.5)	0 (***)	1 (0.3)

(continued on next page)

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15

1994 READING ASSESSMENT

POPULATION:	**1994 Grade 4 Public School Students**
REPORTED STATISTICS:	**Percentage of Students by Achievement Levels**
BREAKDOWNS BY:	**Parents' Education Level**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Percentage of students...	At or Above Proficient Achievement Level				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	37 (1.9)	36 (2.9)	22 (2.7)	9 (2.4)	21 (1.7)
Northeast	37 (5.0)	38 (7.5)	21 (4.8)	*** (***)	21 (1.8)
Southeast	31 (2.8)	36 (3.7)	19 (4.2)	7 (2.9)	16 (2.3)
Central	40 (3.9)	36 (6.8)	30 (4.4)	*** (***)	25 (4.0)
West	39 (2.8)	34 (6.6)	20 (5.2)	11 (6.6)	21 (2.2)
States					
Alabama	32 (2.4)	30 (4.1)	16 (2.2)	11 (2.3)	19 (2.1)
Arizona	34 (2.2)	34 (4.3)	18 (3.4)	13 (3.2)	17 (1.7)
Arkansas	31 (2.5)	35 (3.4)	20 (2.0)	11 (3.0)	18 (1.6)
California	24 (1.9)	23 (4.0)	11 (3.7)	3 (2.1)	13 (1.8)
Colorado	36 (1.7)	33 (4.5)	25 (4.2)	13 (5.0)	19 (2.0)
Connecticut	47 (2.2)	49 (3.3)	22 (3.6)	26 (6.3)	27 (2.1)
Delaware	30 (1.8)	32 (5.3)	20 (2.9)	8 (4.5)	16 (1.5)
Florida	28 (2.1)	34 (3.4)	17 (2.5)	11 (3.3)	18 (1.7)
Georgia	35 (3.1)	34 (3.9)	19 (2.5)	8 (2.3)	18 (2.2)
Hawaii	24 (2.0)	33 (4.9)	13 (2.7)	12 (4.2)	15 (1.5)
Indiana	44 (2.0)	42 (4.1)	29 (2.7)	15 (4.7)	21 (2.1)
Iowa	41 (1.9)	46 (3.8)	28 (3.0)	19 (7.0)	27 (2.0)
Kentucky	31 (2.4)	38 (3.5)	24 (2.0)	11 (2.9)	21 (2.9)
Louisiana	18 (2.0)	24 (3.3)	14 (2.3)	8 (3.2)	11 (1.3)
Maine	50 (2.1)	49 (5.1)	34 (3.9)	27 (5.7)	29 (2.0)
Maryland	33 (2.4)	27 (4.1)	20 (4.5)	11 (5.8)	19 (1.8)
Massachusetts	45 (2.2)	40 (4.1)	24 (3.5)	17 (5.1)	25 (2.1)
Minnesota	43 (2.1)	33 (4.1)	29 (4.7)	*** (***)	22 (2.2)
Mississippi	22 (1.8)	28 (4.4)	16 (2.4)	9 (2.5)	14 (2.2)
Missouri	40 (2.8)	40 (3.7)	29 (2.7)	12 (4.7)	21 (1.8)
Montana†	44 (2.5)	41 (3.9)	32 (3.0)	20 (7.8)	26 (1.8)
Nebraska†	45 (2.1)	47 (5.6)	28 (3.6)	*** (***)	21 (2.6)
New Hampshire†	43 (2.3)	50 (5.2)	32 (4.1)	22 (6.2)	27 (2.2)
New Jersey	44 (2.4)	38 (4.3)	22 (4.4)	13 (6.4)	22 (2.2)
New Mexico	29 (2.3)	32 (3.6)	15 (2.3)	12 (3.5)	13 (1.4)
New York	34 (2.7)	40 (4.0)	25 (3.5)	14 (4.1)	19 (1.9)
North Carolina	39 (2.3)	40 (3.6)	19 (2.5)	12 (3.5)	20 (1.8)
North Dakota	47 (2.1)	43 (4.7)	27 (2.7)	*** (***)	28 (2.2)
Pennsylvania†	40 (2.9)	36 (4.0)	22 (2.4)	8 (2.9)	22 (1.8)
Rhode Island†	42 (2.5)	41 (3.5)	26 (3.2)	19 (6.1)	22 (2.3)
South Carolina	28 (2.2)	32 (5.0)	11 (1.6)	10 (3.7)	13 (1.7)
Tennessee†	33 (3.1)	38 (5.3)	25 (4.1)	15 (3.6)	19 (2.3)
Texas	36 (3.5)	36 (4.9)	20 (3.8)	9 (3.2)	18 (1.6)
Utah	39 (2.3)	36 (4.1)	24 (3.5)	*** (***)	21 (1.7)
Virginia	35 (2.6)	29 (3.9)	18 (3.4)	10 (4.3)	21 (1.8)
Washington	37 (1.9)	25 (3.0)	24 (3.4)	13 (4.7)	18 (1.5)
West Virginia	35 (2.6)	37 (3.7)	25 (2.8)	13 (3.4)	18 (1.8)
Wisconsin†	47 (2.5)	39 (5.2)	32 (3.5)	22 (6.4)	25 (2.3)
Wyoming	39 (2.2)	43 (3.5)	25 (3.0)	13 (3.7)	25 (2.0)
Other Jurisdictions					
DoDEA Overseas	34 (1.8)	34 (3.2)	19 (3.9)	*** (***)	22 (1.9)
Guam	10 (1.4)	14 (3.2)	7 (1.7)	2 (1.6)	6 (1.1)

(continued on next page)

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15 — 1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students by Achievement Levels
BREAKDOWNS BY: Parents' Education Level

Percentage of students...	At or Above Basic Achievement Level				
What is the highest level of education either your mother or father obtained?	College Graduate	Some Education After High School	High School Graduate	Did Not Finish High School	I Don't Know
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	68 (1.5)	68 (3.2)	54 (2.2)	32 (4.1)	51 (1.4)
Northeast	67 (3.6)	68 (6.1)	51 (4.3)	*** (***)	51 (2.4)
Southeast	60 (3.7)	68 (5.5)	52 (4.9)	28 (5.3)	45 (3.6)
Central	72 (3.9)	71 (5.8)	61 (4.5)	*** (***)	57 (3.6)
West	71 (2.2)	66 (7.4)	52 (5.0)	37 (6.1)	49 (2.7)
States					
Alabama	61 (2.1)	62 (4.9)	46 (2.8)	40 (4.6)	45 (2.5)
Arizona	63 (2.3)	63 (3.9)	46 (3.2)	35 (4.4)	44 (2.3)
Arkansas	60 (2.5)	68 (4.2)	48 (2.4)	41 (4.4)	48 (3.3)
California	54 (2.4)	54 (4.4)	37 (5.4)	16 (5.6)	37 (2.9)
Colorado	68 (1.5)	65 (3.9)	60 (3.4)	37 (5.5)	49 (2.2)
Connecticut	77 (1.7)	79 (3.4)	53 (4.8)	48 (7.7)	58 (2.7)
Delaware	59 (2.4)	64 (3.7)	49 (3.6)	29 (5.9)	46 (2.2)
Florida	57 (2.4)	65 (4.1)	41 (2.9)	31 (5.6)	45 (2.6)
Georgia	61 (3.0)	62 (4.5)	44 (3.1)	34 (4.6)	46 (2.8)
Hawaii	54 (2.1)	63 (4.8)	40 (4.0)	34 (7.0)	39 (2.4)
Indiana	75 (2.2)	78 (3.8)	63 (3.4)	45 (6.1)	55 (2.1)
Iowa	75 (2.0)	80 (3.7)	66 (2.5)	59 (6.4)	60 (2.6)
Kentucky	62 (2.6)	68 (3.4)	56 (2.5)	37 (5.1)	51 (2.6)
Louisiana	44 (2.7)	55 (2.9)	41 (2.6)	28 (4.0)	36 (2.7)
Maine	82 (1.8)	83 (4.1)	73 (4.4)	60 (6.9)	65 (2.7)
Maryland	62 (2.2)	60 (5.4)	50 (3.9)	40 (7.0)	48 (2.4)
Massachusetts	79 (1.6)	77 (4.0)	59 (4.2)	48 (6.4)	56 (2.4)
Minnesota	75 (1.9)	68 (3.7)	61 (4.2)	*** (***)	55 (2.3)
Mississippi	50 (2.4)	60 (5.4)	44 (3.0)	34 (5.1)	40 (2.5)
Missouri	70 (2.1)	72 (4.0)	63 (2.7)	43 (3.7)	53 (2.8)
Montana†	78 (2.2)	75 (4.0)	67 (2.9)	60 (8.3)	60 (2.6)
Nebraska†	76 (1.6)	78 (4.4)	62 (3.5)	*** (***)	54 (2.2)
New Hampshire†	78 (3.0)	83 (3.9)	66 (3.4)	50 (8.5)	62 (2.5)
New Jersey	76 (1.8)	73 (3.8)	54 (4.2)	34 (6.3)	53 (2.1)
New Mexico	59 (2.0)	66 (3.3)	45 (3.5)	35 (4.3)	40 (2.2)
New York	66 (2.3)	69 (4.2)	53 (3.7)	41 (5.4)	47 (2.3)
North Carolina	68 (1.8)	72 (3.4)	49 (2.6)	36 (5.3)	51 (2.3)
North Dakota	80 (1.3)	81 (4.0)	65 (3.5)	*** (***)	64 (2.4)
Pennsylvania†	69 (2.2)	68 (3.1)	56 (3.2)	35 (7.1)	54 (2.6)
Rhode Island†	73 (2.3)	79 (3.7)	62 (4.4)	47 (5.6)	55 (2.3)
South Carolina	57 (2.9)	61 (4.7)	35 (4.0)	34 (4.4)	41 (2.2)
Tennessee†	63 (3.5)	71 (4.1)	59 (3.5)	42 (6.5)	50 (2.7)
Texas	67 (4.2)	72 (3.2)	54 (4.5)	40 (5.3)	49 (2.2)
Utah	73 (1.8)	73 (3.8)	56 (3.5)	*** (***)	56 (2.1)
Virginia	65 (2.4)<	65 (4.0)	52 (3.7)	38 (5.9)	51 (2.7)
Washington	69 (1.9)	64 (3.6)	58 (3.9)	44 (7.5)	48 (2.0)
West Virginia	67 (1.6)	70 (3.9)	59 (2.9)	38 (4.3)	48 (2.1)
Wisconsin†	79 (2.1)	75 (3.4)	69 (3.8)	57 (7.4)	64 (2.4)
Wyoming	76 (2.0)	78 (3.0)	62 (3.4)	50 (7.3)	62 (2.6)
Other Jurisdictions					
DoDEA Overseas	68 (1.8)	75 (4.2)	52 (3.7)	*** (***)	56 (2.3)
Guam	30 (1.8)	37 (4.9)	24 (3.2)	13 (4.2)	26 (1.7)

(continued on next page)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 15

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students by Achievement Levels**
BREAKDOWNS BY: **Parents' Education Level**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

Percentage of students...	**Below Basic Achievement Level**				
What is the highest level of education either your mother or father obtained?	**College Graduate**	**Some Education After High School**	**High School Graduate**	**Did Not Finish High School**	**I Don't Know**
1994 JURISDICTIONS	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	32 (1.5)	32 (3.2)	46 (2.2)	68 (4.1)	49 (1.4)
Northeast	33 (3.6)	32 (6.1)	49 (4.3)	*** (***)	49 (2.4)
Southeast	40 (3.7)	32 (5.5)	48 (4.9)	72 (5.3)	55 (3.6)
Central	28 (3.9)	29 (5.8)	39 (4.5)	*** (***)	43 (3.6)
West	29 (2.2)	34 (7.4)	48 (5.0)	63 (6.1)	51 (2.7)
States					
Alabama	39 (2.1)	38 (4.9)	54 (2.8)	60 (4.6)	55 (2.5)
Arizona	37 (2.3)	37 (3.9)	54 (3.2)	65 (4.4)	56 (2.3)
Arkansas	40 (2.5)	32 (4.2)	52 (2.4)	59 (4.4)	52 (3.3)
California	46 (2.4)	46 (4.4)	63 (5.4)	84 (5.6)	63 (2.9)
Colorado	32 (1.5)	35 (3.9)	40 (3.4)	63 (5.5)	51 (2.2)
Connecticut	23 (1.7)	21 (3.4)	47 (4.8)	52 (7.7)	42 (2.7)
Delaware	41 (2.4)	36 (3.7)	51 (3.6)	71 (5.9)	54 (2.2)
Florida	43 (2.4)	35 (4.1)	59 (2.9)	69 (5.6)	55 (2.6)
Georgia	39 (3.0)	38 (4.5)	56 (3.1)	66 (4.6)	54 (2.8)
Hawaii	46 (2.1)	37 (4.8)	60 (4.0)	66 (7.0)	61 (2.4)
Indiana	25 (2.2)	22 (3.8)	37 (3.4)	55 (6.1)	45 (2.1)
Iowa	25 (2.0)	20 (3.7)	34 (2.5)	41 (6.4)	40 (2.6)
Kentucky	38 (2.6)	32 (3.4)	44 (2.5)	63 (5.1)	49 (2.6)
Louisiana	56 (2.7)	45 (2.9)	59 (2.6)	72 (4.0)	64 (2.7)
Maine	18 (1.8)	17 (4.1)	27 (4.4)	40 (6.9)	35 (2.7)
Maryland	38 (2.2)	40 (5.4)	50 (3.9)	60 (7.0)	52 (2.4)
Massachusetts	21 (1.6)	23 (4.0)	41 (4.2)	52 (6.4)	44 (2.4)
Minnesota	25 (1.9)	32 (3.7)	39 (4.2)	*** (***)	45 (2.3)
Mississippi	50 (2.4)	40 (5.4)	56 (3.0)	66 (5.1)	60 (2.5)
Missouri	30 (2.1)	28 (4.0)	37 (2.7)	57 (3.7)	47 (2.8)
Montana†	22 (2.2)	25 (4.0)	33 (2.9)	40 (8.3)	40 (2.6)
Nebraska†	24 (1.6)	22 (4.4)	38 (3.5)	*** (***)	46 (2.2)
New Hampshire†	22 (3.0)	17 (3.9)	34 (3.4)	50 (8.5)	38 (2.5)
New Jersey	24 (1.8)	27 (3.8)	46 (4.2)	66 (6.3)	47 (2.1)
New Mexico	41 (2.0)	34 (3.3)	55 (3.5)	65 (4.3)	60 (2.2)
New York	34 (2.3)	31 (4.2)	47 (3.7)	59 (5.4)	53 (2.3)
North Carolina	32 (1.8)	28 (3.4)	51 (2.6)	64 (5.3)	49 (2.3)
North Dakota	20 (1.3)	19 (4.0)	35 (3.5)	*** (***)	36 (2.4)
Pennsylvania†	31 (2.2)	32 (3.1)	44 (3.2)	65 (7.1)	46 (2.6)
Rhode Island†	27 (2.3)	21 (3.7)	38 (4.4)	53 (5.6)	45 (2.3)
South Carolina	43 (2.9)	39 (4.7)	65 (4.0)	66 (4.4)	59 (2.2)
Tennessee†	37 (3.5)	29 (4.1)	41 (3.5)	58 (6.5)	50 (2.7)
Texas	33 (4.2)	28 (3.2)	46 (4.5)	60 (5.3)	51 (2.2)
Utah	27 (1.8)	27 (3.8)	44 (3.5)	*** (***)	44 (2.1)
Virginia	35 (2.4)>	35 (4.0)	48 (3.7)	62 (5.9)	49 (2.7)
Washington	31 (1.9)	36 (3.6)	42 (3.9)	56 (7.5)	52 (2.0)
West Virginia	33 (1.6)	30 (3.9)	41 (2.9)	62 (4.3)	52 (2.1)
Wisconsin†	21 (2.1)	25 (3.4)	31 (3.8)	43 (7.4)	36 (2.4)
Wyoming	24 (2.0)	22 (3.0)	38 (3.4)	50 (7.3)	38 (2.6)
Other Jurisdictions					
DoDEA Overseas	32 (1.8)	25 (4.2)	48 (3.7)	*** (***)	44 (2.3)
Guam	70 (1.8)	63 (4.9)	76 (3.2)	87 (4.2)	74 (1.7)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

62

BEST COPY AVAILABLE

TABLE 16

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
BREAKDOWNS BY: **Student Title I Participation***

Student Title I funding status...	Title I		Non-Title I	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation				
Nation	15 (1.4)	175 (2.4)	85 (1.4)	219 (1.2)
Northeast	11 (2.0)	172 (3.3)!	89 (2.0)	217 (2.4)
Southeast	16 (2.8)	177 (2.9)!	84 (2.8)	214 (2.3)
Central	13 (2.2)	181 (4.1)	87 (2.2)	224 (2.7)
West	18 (3.8)	172 (6.2)!	82 (3.8)	220 (1.5)
States				
Alabama	26 (1.5)	178 (2.1)	74 (1.5)	219 (1.4)
Arizona	18 (2.5)	176 (4.6)	82 (2.5)	213 (1.9)
Arkansas	28 (2.2)	181 (1.9)	72 (2.2)	219 (1.7)
California	27 (3.1)	169 (2.6)	73 (3.1)	207 (2.0)
Colorado	6 (0.8)	173 (4.2)	94 (0.8)	216 (1.3)
Connecticut	12 (1.5)	182 (4.0)	88 (1.5)	228 (1.7)
Delaware	14 (0.9)	173 (2.1)	86 (0.9)	212 (1.0)
Florida	16 (2.1)	172 (3.3)	84 (2.1)	211 (1.7)
Georgia	27 (2.4)	172 (2.4)	73 (2.4)	220 (1.9)
Hawaii	14 (1.5)	165 (2.7)	86 (1.5)	207 (1.6)
Indiana	11 (1.3)	184 (2.5)	89 (1.3)	224 (1.3)
Iowa	13 (1.0)	191 (2.3)	87 (1.0)	228 (1.3)
Kentucky	23 (1.7)	181 (2.1)	77 (1.7)	221 (1.5)
Louisiana	20 (1.6)	170 (2.7)	80 (1.6)	204 (1.6)
Maine	13 (1.1)	198 (2.1)	87 (1.1)	233 (1.3)
Maryland	5 (1.3)	163 (4.7)!	95 (1.3)	212 (1.6)
Massachusetts	12 (1.1)	190 (3.2)	88 (1.1)	228 (1.3)
Minnesota	16 (1.3)	176 (3.7)	84 (1.3)	226 (1.1)
Mississippi	48 (2.5)	182 (1.9)	52 (2.5)	220 (1.6)
Missouri	15 (1.4)	183 (2.6)	85 (1.4)	223 (1.7)
Montana†	11 (1.1)	186 (2.8)	89 (1.1)	227 (1.3)
Nebraska†	14 (1.6)	186 (2.8)	86 (1.6)	226 (1.3)
New Hampshire†	8 (1.0)	184 (4.0)	92 (1.0)	227 (1.4)
New Jersey	14 (1.2)	181 (2.1)	86 (1.2)	226 (1.3)
New Mexico	19 (2.1)	173 (2.5)	81 (2.1)	212 (1.7)
New York	21 (2.0)	175 (2.4)	79 (2.0)	222 (1.5)
North Carolina	17 (2.2)	182 (3.3)	83 (2.2)	221 (1.4)
North Dakota	13 (1.1)	192 (2.4)	87 (1.1)	230 (1.2)
Pennsylvania†	20 (1.8)	176 (2.9)	80 (1.8)	225 (1.3)
Rhode Island†	7 (1.0)	171 (2.3)	93 (1.0)	224 (1.2)
South Carolina	22 (2.8)	177 (3.0)	78 (2.8)	211 (1.6)
Tennessee†	22 (2.0)	186 (2.5)	78 (2.0)	220 (1.7)
Texas	29 (2.9)	188 (2.7)	71 (2.9)	223 (1.8)
Utah	8 (1.3)	183 (5.0)	92 (1.3)	220 (1.2)
Virginia	14 (2.0)	180 (2.5)	86 (2.0)	219 (1.4)
Washington	10 (1.2)	170 (4.1)	90 (1.2)	217 (1.3)
West Virginia	19 (1.8)	182 (2.2)	81 (1.8)	220 (1.0)
Wisconsin†	8 (1.2)	191 (4.0)	92 (1.2)	227 (1.1)
Wyoming	9 (1.1)	187 (2.7)	91 (1.1)	224 (1.2)
Other Jurisdictions				
DoDEA Overseas	5 (0.7)	181 (3.0)	95 (0.7)	220 (0.9)
Guam	*** (***)	*** (***)	100 (0.0)	181 (1.2)

* Data on this variable were not collected at the student level prior to the 1994 assessment. Therefore, 1992 results are not available.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 17

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Nonpublic School Students*

REPORTED STATISTICS: Average Reading Proficiency and Percentage of Students by Achievement Levels

1994 NAEP grade 4 nonpublic school student reading performance...	Average Reading Proficiency	At or Above Advanced Achievement Level	At or Above Proficient Achievement Level	At or Above Basic Achievement Level	Below Basic Achievement Level
1994 JURISDICTIONS‡	PROF (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	231 (2.5)	13 (1.8)	43 (3.0)	77 (2.4)	23 (2.4)
Northeast	233 (5.4)	14 (3.9)	47 (6.0)	80 (4.6)	20 (4.6)
Southeast	236 (5.8)	17 (5.1)	48 (6.3)	82 (5.1)	18 (5.1)
Central	230 (3.0)	10 (3.0)	42 (4.8)	77 (3.2)	23 (3.2)
West	223 (6.2)!	11 (3.2)!	36 (6.2)!	69 (7.7)!	31 (7.7)!
States					
Alabama	237 (6.5)!	17 (7.3)!	51 (7.1)!	84 (5.8)!	16 (5.8)!
Arkansas	235 (3.2)	12 (2.4)	49 (6.2)	83 (4.3)	17 (4.3)
Colorado†	239 (3.7)!	15 (4.3)!	54 (5.2)!	87 (3.1)!	13 (3.1)!
Connecticut†	228 (3.4)	11 (2.7)	40 (4.2)	73 (2.7)	27 (2.7)
Delaware†	233 (3.8)	14 (2.9)	46 (4.5)	80 (3.7)	20 (3.7)
Georgia†	234 (5.3)	12 (4.2)	48 (6.4)	80 (6.2)	20 (6.2)
Hawaii†	234 (3.8)	14 (3.0)	48 (4.4)	78 (4.4)	22 (4.4)
Idaho	218 (9.9)	7 (3.7)	33 (8.0)	68 (10.1)	32 (10.1)
Indiana	234 (4.1)	12 (3.7)	47 (5.1)	80 (5.0)	20 (5.0)
Iowa	232 (4.2)	13 (3.0)	44 (5.7)	78 (5.4)	22 (5.4)
Kentucky†	237 (3.3)	15 (3.7)	51 (5.0)	83 (3.3)	17 (3.3)
Louisiana†	227 (3.6)	9 (2.1)	38 (3.8)	73 (4.1)	27 (4.1)
Maine	238 (5.8)!	17 (5.6)!	50 (8.6)!	84 (6.4)!	16 (6.4)!
Massachusetts	238 (4.9)	16 (4.8)	53 (6.1)	85 (4.5)	15 (4.5)
Minnesota	234 (2.6)	13 (2.5)	47 (4.2)	80 (3.1)	20 (3.1)
Missouri	238 (3.6)	17 (4.0)	52 (4.6)	83 (3.1)	17 (3.1)
New Jersey†	231 (4.4)	11 (3.7)	44 (5.2)	78 (4.3)	22 (4.3)
New Mexico	228 (6.9)!	10 (2.2)!	47 (10.5)!	73 (9.0)!	27 (9.0)!
North Dakota	238 (3.3)	15 (3.5)	55 (6.8)	85 (3.4)	15 (3.4)
Pennsylvania†	228 (4.8)	13 (3.5)	40 (5.2)	73 (5.1)	27 (5.1)
Rhode Island	229 (3.6)	12 (3.3)	39 (4.5)	76 (3.6)	24 (3.6)
Virginia†	240 (7.4)!	21 (5.5)!	57 (7.0)!	84 (8.7)!	16 (8.7)!
West Virginia	235 (3.0)	14 (3.2)	48 (4.5)	82 (4.1)	18 (4.1)
Other Jurisdictions					
Guam	213 (2.3)	7 (2.4)	26 (2.6)	57 (2.9)	43 (2.9)

* Nonpublic schools were not sampled in the 1992 Trial State Assessment.

‡ Results are presented only for the states that met the overall nonpublic school participation rate guidelines for the 1994 Trial State Assessment (see Appendix A).

† Did not satisfy one of the guidelines for nonpublic school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 18

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Combined Public and Nonpublic School Students***

REPORTED STATISTICS: **Average Reading Proficiency and Percentage of Students by Achievement Levels**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

1994 NAEP grade 4 combined public and nonpublic school student reading performance...	Average Reading Proficiency	At or Above Advanced Achievement Level	At or Above Proficient Achievement Level	At or Above Basic Achievement Level	Below Basic Achievement Level
1994 JURISDICTIONS‡	PROF (SE)	PCT (SE)	PCT (SE)	PCT (SE)	PCT (SE)
Nation					
Nation	214 (1.0)	7 (0.7)	30 (1.1)	60 (1.0)	40 (1.0)
Northeast	215 (2.1)	8 (1.4)	31 (2.4)	61 (2.1)	39 (2.1)
Southeast	210 (2.0)	7 (0.9)	25 (2.1)	55 (2.3)	45 (2.3)
Central	220 (2.4)	8 (1.1)	34 (2.5)	66 (2.6)	34 (2.6)
West	212 (2.0)	7 (0.8)	29 (1.8)	59 (2.1)	41 (2.1)
States					
Alabama	210 (1.6)	6 (0.9)	25 (1.3)	54 (1.7)	46 (1.7)
Arkansas	210 (1.6)	5 (0.6)	25 (1.3)	55 (1.7)	45 (1.7)
Colorado†	215 (1.3)	6 (0.8)	30 (1.5)	61 (1.4)	39 (1.4)
Connecticut†	223 (1.5)	11 (1.0)	38 (1.4)	69 (1.5)	31 (1.5)
Delaware†	211 (1.2)	7 (0.9)	27 (1.3)	57 (1.3)	43 (1.3)
Georgia†	209 (2.3)	7 (1.0)	27 (1.9)	54 (2.2)	46 (2.2)
Hawaii†	205 (1.7)	5 (0.5)	23 (1.5)	50 (1.8)	50 (1.8)
Indiana	221 (1.3)	8 (0.8)	34 (1.4)	67 (1.6)	33 (1.6)
Iowa	224 (1.3)	9 (1.0)	36 (1.5)	70 (1.6)	30 (1.6)
Kentucky†	213 (1.5)	6 (0.8)	28 (1.7)	58 (1.6)	42 (1.6)
Louisiana†	202 (1.4)	3 (0.5)	19 (1.2)	46 (1.6)	54 (1.6)
Maine	229 (1.3)	10 (1.0)	41 (1.5)	75 (1.6)	25 (1.6)
Massachusetts	225 (1.3)	9 (1.0)	37 (1.6)	71 (1.4)	29 (1.4)
Minnesota	220 (1.3)	8 (0.7)	34 (1.4)	67 (1.4)	33 (1.4)
Missouri	219 (1.5)	9 (1.0)	33 (1.7)	65 (1.8)	35 (1.8)
New Jersey†	221 (1.3)	9 (0.8)	35 (1.6)	67 (1.5)	33 (1.5)
New Mexico	203 (2.2)	4 (0.5)	20 (1.5)	48 (1.9)	52 (1.9)
North Dakota	224 (1.4)	8 (0.8)	37 (1.4)	71 (1.5)	29 (1.5)
Pennsylvania†	217 (1.6)	8 (0.9)	32 (1.4)	63 (1.7)	37 (1.7)
Rhode Island†	221 (1.2)	8 (1.0)	33 (1.4)	67 (1.5)	33 (1.5)
Virginia†	215 (1.5)	8 (0.8)	28 (1.6)	59 (1.8)	41 (1.8)
West Virginia	214 (1.0)	6 (0.5)	27 (1.3)	59 (1.3)	41 (1.3)
Other Jurisdictions					
Guam	186 (1.0)	2 (0.5)	11 (0.8)	32 (1.1)	68 (1.1)

* Nonpublic schools were not sampled in the 1992 Trial State Assessment, therefore, no 1992 combined public/nonpublic school results are available.

‡ Results are presented only for the states that met *both* the overall public and nonpublic school participation rate guidelines for the 1994 Trial State Assessment (see Appendix A).

† Did not satisfy one of the guidelines for either public or nonpublic school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

Chapter 3: School and Classroom Characteristics

Overview

A focus of considerable research has been the instructional context within which students learn to read.[5] Chapter 3 explores the classroom and school characteristics that may relate to students' achievement in reading. Data related to in-school variables were gathered by asking the students who participated in the assessment, their teachers, and the school administrators questions about factors that have been shown in the past to relate to students' reading achievement. Information was collected pertaining to overall school support, prevalence of ability grouping, classroom structure, and the availability of supportive resources. These factors help to portray the context within which reading instruction takes place, even though it is likely that teachers exert little control over these factors.

---

[5] M.J. Adams. *Beginning to Read: Thinking and Learning About Print* (Cambridge, MA: MIT Press, 1990).

K. Goodman. "Whole-Language Research: Foundation and Development." *The Elementary School Journal*, 90, 207-221, 1989.

D. Bloome (Ed.). *Classrooms and Literacy* (Norwood, NJ: Ablex, 1989).

TABLE 19

1992 and 1994 READING ASSESSMENT

POPULATIONS: **1992 and 1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
SCHOOLS' REPORTS ON: **The Identification of Reading as an Instructional Priority***

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

NAEP assessment year...	1992				1994			
Has your school identified reading as a priority in the last two years?	Yes		No		Yes		No	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	86 (2.8)	215 (1.2)	14 (2.8)	216 (2.3)	85 (2.7)	212 (1.2)	15 (2.7)	221 (3.5)
Northeast	88 (5.9)	220 (4.4)	12 (5.9)	*** (***)	97 (2.8)	212 (2.5)	3 (2.8)	*** (***)
Southeast	88 (4.9)	211 (2.5)	12 (4.9)	210 (5.1)!	89 (4.3)	206 (2.2)	11 (4.3)	222 (5.0)!
Central	86 (5.6)	218 (1.9)	14 (5.6)	220 (3.1)!	82 (5.3)	219 (2.6)	18 (5.3)	223 (7.1)!
West	81 (5.9)	210 (1.7)	19 (5.9)	216 (4.4)!	76 (7.0)	210 (2.6)	24 (7.0)	218 (5.4)!
States								
Alabama	79 (3.8)	206 (2.0)	21 (3.8)	213 (3.3)	87 (3.9)	206 (1.8)	13 (3.9)	221 (4.2)!
Arizona	72 (4.5)	208 (1.6)	28 (4.5)	213 (2.7)	84 (3.9)	205 (2.4)	16 (3.9)	221 (3.7)!
Arkansas	80 (3.8)	210 (1.4)	20 (3.8)	215 (3.0)	85 (2.4)	207 (1.9)	15 (2.4)	214 (3.1)
California	91 (3.6)	201 (2.1)	9 (3.6)	*** (***)	84 (3.9)	194 (2.2)	16 (3.9)	209 (6.1)!
Colorado	75 (4.6)	214 (1.2)	25 (4.6)	224 (2.4)	82 (4.1)	213 (1.7)	18 (4.1)	216 (3.5)!
Connecticut	91 (3.0)	221 (1.6)	9 (3.0)	231 (3.7)!	93 (2.8)	221 (1.8)	7 (2.8)	*** (***)
Delaware†	76 (0.2)	213 (0.9)	24 (0.2)	212 (1.1)	93 (0.2)	206 (1.2)	7 (0.2)	*** (***)
Florida	89 (3.1)	208 (1.5)	11 (3.1)	212 (3.3)!	94 (2.6)	204 (1.8)	6 (2.6)	*** (***)
Georgia	97 (1.5)	213 (1.5)	3 (1.5)	*** (***)	89 (3.8)	204 (2.5)	11 (3.8)	*** (***)
Hawaii	94 (2.6)	204 (1.7)	6 (2.6)	*** (***)	98 (1.4)	200 (1.8)	2 (1.4)	*** (***)
Indiana	73 (5.0)	220 (1.4)	27 (5.0)	225 (2.4)	73 (4.6)	217 (1.8)	27 (4.6)	226 (2.4)
Iowa	73 (4.2)	226 (1.5)	27 (4.2)	225 (1.5)	68 (4.0)	223 (1.8)	32 (4.0)	223 (2.4)
Kentucky	76 (4.2)	212 (1.5)	24 (4.2)	217 (3.2)	85 (4.2)	211 (1.7)	15 (4.2)	214 (5.1)!
Louisiana	87 (2.8)	202 (1.3)	13 (2.8)	216 (2.7)!	92 (2.7)	196 (1.6)	8 (2.7)	*** (***)
Maine†	55 (6.4)	227 (1.4)	45 (6.4)	227 (1.7)	63 (5.1)	228 (1.5)	37 (5.1)	231 (2.0)
Maryland	92 (3.1)	210 (1.7)	8 (3.1)	*** (***)	91 (3.2)	208 (1.6)	9 (3.2)	*** (***)
Massachusetts	80 (4.0)	224 (1.3)	20 (4.0)	233 (1.8)	81 (3.5)	221 (1.7)	19 (3.5)	233 (2.6)
Minnesota	76 (4.9)	222 (1.4)	24 (4.9)	219 (2.2)!	72 (5.0)	217 (1.9)	28 (5.0)	222 (2.0)
Mississippi	91 (2.8)	198 (1.5)	9 (2.8)	210 (4.4)!	95 (1.7)	201 (1.7)	5 (1.7)	*** (***)
Missouri	76 (4.1)	220 (1.5)	24 (4.1)	220 (2.2)	77 (4.0)	215 (1.8)	23 (4.0)	225 (2.5)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	60 (4.8)	221 (1.8)	40 (4.8)	224 (2.0)
Nebraska†	76 (4.0)	220 (1.2)	24 (4.0)	224 (2.4)	73 (3.8)	221 (1.6)	27 (3.8)	219 (2.9)
New Hampshire†	76 (4.4)	228 (1.3)	24 (4.4)	227 (2.8)	80 (4.1)	225 (1.8)	20 (4.1)	219 (2.9)!
New Jersey†	86 (3.8)	221 (1.7)	14 (3.8)	230 (4.0)!	88 (4.0)	220 (1.7)	12 (4.0)	228 (4.6)!
New Mexico	82 (3.9)	210 (1.8)	18 (3.9)	212 (2.7)!	73 (4.4)	201 (2.1)	27 (4.4)	215 (3.2)
New York†	91 (2.6)	214 (1.6)	9 (2.6)	221 (2.1)!	90 (2.8)	210 (1.6)	10 (2.8)	227 (4.3)!
North Carolina	90 (3.1)	211 (1.2)	10 (3.1)	216 (5.1)!	86 (3.4)	214 (1.8)	14 (3.4)	215 (3.3)!
North Dakota	55 (5.4)	227 (1.6)	45 (5.4)	224 (1.7)	62 (4.7)	225 (1.7)	38 (4.7)	226 (1.7)
Pennsylvania†	82 (3.9)	220 (1.5)	18 (3.9)	226 (2.9)!	86 (3.1)	213 (1.8)	14 (3.1)	229 (2.5)!
Rhode Island†	88 (3.4)	215 (1.9)	12 (3.4)	*** (***)	92 (2.4)	218 (1.4)	8 (2.4)	*** (***)
South Carolina	91 (3.0)	209 (1.5)	9 (3.0)	*** (***)	93 (2.5)	202 (1.5)	7 (2.5)	*** (***)
Tennessee†	85 (3.7)	211 (1.5)	15 (3.7)	217 (3.9)!	79 (5.3)	211 (1.9)	21 (5.3)	219 (3.9)!
Texas	81 (3.6)	210 (1.5)	19 (3.6)	221 (5.0)	93 (3.6)	211 (1.8)	7 (3.6)	*** (***)
Utah	77 (4.3)	220 (1.3)	23 (4.3)	222 (2.3)	75 (4.7)	217 (1.5)	25 (4.7)	217 (2.2)
Virginia	92 (2.4)	221 (1.5)	8 (2.4)	*** (***)	97 (1.7)	213 (1.5)	3 (1.7)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	65 (5.0)	211 (2.2)	35 (5.0)	216 (2.0)
West Virginia	90 (2.9)	215 (1.4)	10 (2.9)	223 (3.2)!	89 (3.3)	213 (1.2)	11 (3.3)	213 (2.2)!
Wisconsin†	84 (3.4)	223 (1.1)	16 (3.4)	225 (2.3)!	87 (3.8)	223 (1.2)	13 (3.8)	230 (2.4)!
Wyoming	70 (5.0)	222 (1.4)	30 (5.0)	225 (2.1)	70 (4.3)	221 (1.3)	30 (4.3)	222 (2.8)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	55 (4.3)	216 (1.3)	45 (4.3)	219 (1.4)
Guam	94 (0.1)	182 (1.4)	6 (0.1)	*** (***)	100 (0.0)	181 (1.4)	*** (***)	*** (***)

* The question associated with this variable was reworded from 1992 to 1994. The results are not comparable, therefore, no trend comparison tests were conducted.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 20 — 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
SCHOOLS' REPORTS ON: **How Fourth Grades Are Organized for Instruction**

How are the fourth grades in your school organized for instruction?	**Self-Contained:** Students stay with the same teacher for all academic subjects		**Departmentalized:** Students have different teachers in most or all academic subjects		**Regrouped:** Students remain with one teacher for most subjects but may have different teachers for one or two subjects	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	48 (3.6)	213 (1.5)	10 (1.9)	219 (4.1)	42 (3.9)	217 (2.0)
Northeast	34 (7.3)	218 (7.6)!	11 (4.0)	*** (***)	55 (8.1)	221 (5.2)
Southeast	42 (4.8)	211 (3.6)	12 (3.4)	212 (6.0)!	46 (6.6)	212 (3.2)
Central	49 (7.3)	217 (2.2)	9 (2.2)	*** (***)	42 (6.6)	221 (3.5)
West	61 (8.1)	207 (2.5)	10 (4.8)	226 (8.2)!	29 (8.7)	214 (4.9)!
States						
Alabama	61 (5.4)	210 (2.5)	15 (3.5)	203 (4.3)!	24 (4.9)	207 (3.7)!
Arizona	58 (5.2)	208 (1.8)	*** (***)	*** (***)	42 (5.2)	212 (2.8)
Arkansas	38 (5.0)	212 (2.4)	17 (4.2)	208 (2.9)!	45 (5.4)	211 (2.0)
California	74 (5.0)	199 (2.8)	4 (2.2)	*** (***)	22 (4.5)	213 (3.8)!
Colorado	47 (4.9)	215 (2.1)	2 (1.4)	*** (***)	51 (5.1)	218 (1.4)
Connecticut	50 (5.5)	217 (3.0)	2 (1.5)	*** (***)	48 (5.6)	226 (2.2)
Delaware†	18 (0.1)	211 (1.1)	12 (0.1)	*** (***)	69 (0.2)	214 (0.9)
Florida	62 (4.7)	206 (2.0)	10 (3.2)	212 (4.6)!	28 (4.2)	212 (2.3)
Georgia	49 (5.4)	211 (2.1)	8 (2.9)	*** (***)	43 (5.3)	216 (2.4)
Hawaii	29 (4.8)	203 (3.1)	12 (3.6)	199 (6.2)!	59 (5.3)	205 (2.2)
Indiana	60 (4.9)	220 (1.7)	4 (1.9)	*** (***)	36 (4.9)	224 (2.1)
Iowa	38 (4.9)	223 (1.6)	11 (3.0)	226 (3.0)!	51 (5.3)	227 (1.5)
Kentucky	41 (4.2)	212 (1.8)	14 (3.8)	212 (3.2)!	45 (4.5)	213 (2.2)
Louisiana	53 (4.5)	203 (2.0)	24 (4.2)	205 (3.0)	23 (4.3)	205 (2.6)
Maine†	58 (5.3)	229 (1.6)	2 (1.5)	*** (***)	40 (5.2)	224 (1.3)
Maryland	18 (3.5)	203 (4.3)	12 (3.5)	208 (4.2)!	70 (4.2)	214 (2.3)
Massachusetts	54 (5.7)	225 (1.7)	2 (1.5)	*** (***)	43 (5.7)	227 (2.1)
Minnesota	30 (5.3)	221 (3.3)	5 (2.5)	*** (***)	65 (5.7)	221 (1.4)
Mississippi	48 (5.1)	200 (2.3)	25 (4.4)	196 (3.1)	27 (4.7)	200 (2.3)
Missouri	55 (5.4)	220 (1.9)	4 (2.2)	*** (***)	41 (5.4)	220 (2.2)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	54 (4.4)	218 (1.5)	2 (1.3)	*** (***)	44 (4.4)	224 (1.7)
New Hampshire†	52 (5.7)	226 (1.8)	3 (2.1)	*** (***)	44 (5.9)	229 (1.9)
New Jersey†	40 (4.9)	217 (2.7)	6 (2.6)	*** (***)	55 (5.4)	226 (2.2)
New Mexico	71 (5.2)	211 (1.6)	3 (2.0)	*** (***)	26 (4.8)	211 (3.4)
New York†	61 (5.3)	215 (2.5)	3 (1.4)	*** (***)	36 (5.3)	214 (3.0)
North Carolina	56 (4.6)	210 (1.8)	7 (2.7)	*** (***)	37 (4.6)	215 (2.3)
North Dakota	74 (5.0)	226 (1.3)	2 (1.2)	*** (***)	24 (4.8)	224 (2.7)
Pennsylvania	31 (4.2)	219 (2.0)	16 (2.8)	225 (3.2)	53 (4.6)	221 (1.8)
Rhode Island	54 (5.0)	212 (3.1)	7 (2.8)	*** (***)	39 (4.8)	221 (2.7)
South Carolina	53 (5.7)	208 (1.9)	15 (3.5)	210 (4.4)!	33 (5.2)	213 (2.3)
Tennessee	57 (5.3)	209 (1.8)	9 (3.0)	*** (***)	35 (5.2)	216 (3.0)
Texas	40 (5.1)	204 (2.6)	22 (4.5)	217 (3.7)!	38 (4.8)	220 (2.5)
Utah	32 (4.8)	218 (2.0)	11 (3.4)	221 (3.5)!	57 (4.9)	222 (1.6)
Virginia	54 (4.8)	220 (1.9)	2 (1.5)	*** (***)	44 (4.7)	223 (2.6)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	53 (4.4)	214 (1.8)	15 (3.8)	215 (4.5)!	31 (4.4)	218 (2.6)
Wisconsin	37 (4.5)	221 (1.9)	3 (1.2)	*** (***)	61 (4.5)	225 (1.2)
Wyoming	66 (4.3)	223 (1.5)	2 (1.1)	*** (***)	33 (4.2)	222 (1.6)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	60 (0.3)	185 (1.9)	*** (***)	*** (***)	40 (0.3)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 20 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
SCHOOLS' REPORTS ON: **How Fourth Grades Are Organized for Instruction**

THE NATION'S REPORT CARD
1992
1994
Reading Assessment

How are the fourth grades in your school organized for instruction?	**Self-Contained:** Students stay with the same teacher for all academic subjects		**Departmentalized:** Students have different teachers in most or all academic subjects		**Regrouped:** Students remain with one teacher for most subjects but may have different teachers for one or two subjects	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	57 (4.1)	212 (1.7)	6 (2.1)	197 (5.0)!	37 (4.0)	216 (2.0)
Northeast	41 (7.6)	213 (3.6)	8 (5.1)	*** (***)	50 (8.4)	212 (3.8)
Southeast	59 (8.3)	206 (2.5)	14 (6.7)	186 (4.0)!	26 (6.4)	224 (3.0)!
Central	61 (10.2)	218 (3.2)	*** (***)	*** (***)	39 (10.2)	220 (3.9)!
West	62 (6.2)	211 (3.4)	2 (1.7)	*** (***)	35 (6.5)	212 (4.4)!
States						
Alabama	58 (5.5)	207 (2.0)	12 (3.0)	194 (6.3)!	31 (4.7)	216 (2.7)
Arizona	65 (4.4)	205 (2.9)	2 (1.6)	*** (***)	33 (4.1)	211 (3.5)
Arkansas	50 (5.1)	205 (2.4)	14 (3.9)	208 (4.9)!	35 (5.0)	214 (2.4)
California	63 (5.6)	193 (2.8)	1 (1.3)	*** (***)	36 (5.7)	203 (2.9)
Colorado	35 (5.2)	208 (2.9)	3 (1.7)	*** (***)	62 (5.3)	215 (1.7)
Connecticut	53 (5.3)	220 (2.9)	2 (1.6)	*** (***)	44 (5.2)	224 (3.3)
Delaware	25 (0.3)>>	207 (1.8)	6 (0.1)<<	*** (***)	69 (0.3)	206 (1.4)<<
Florida	64 (4.3)	204 (2.0)	3 (1.7)	*** (***)	33 (4.3)	206 (3.9)
Georgia	54 (5.0)	201 (3.5)<	6 (2.4)	*** (***)	40 (4.5)	212 (3.6)
Hawaii	41 (3.9)	198 (2.4)	8 (2.2)	*** (***)	51 (4.3)	204 (2.3)
Indiana	58 (5.5)	218 (2.1)	4 (2.1)	*** (***)	38 (5.4)	222 (2.2)
Iowa	39 (4.7)	222 (2.3)	18 (3.8)	219 (3.1)!	43 (4.9)	225 (1.9)
Kentucky	42 (4.8)	210 (1.6)	19 (4.2)	203 (3.1)!	39 (4.9)	218 (3.0)
Louisiana	54 (6.2)	196 (2.8)	17 (4.1)	205 (4.9)!	29 (5.4)	193 (3.7)<
Maine	52 (4.9)	228 (1.9)	5 (2.4)	*** (***)	43 (4.8)	229 (1.6)
Maryland	25 (4.3)	202 (4.5)	14 (2.9)	208 (4.0)!	61 (4.6)	213 (2.3)
Massachusetts	54 (5.3)	225 (2.1)	3 (1.6)	*** (***)	44 (5.2)	221 (2.5)
Minnesota	23 (4.0)	215 (4.6)	10 (4.0)	*** (***)	67 (4.9)	220 (1.4)
Mississippi	43 (4.7)	203 (2.8)	26 (4.7)	198 (3.9)	31 (4.4)	203 (3.4)
Missouri	63 (4.6)	218 (1.8)	4 (2.0)	*** (***)	33 (4.4)	215 (4.0)
Montana†	61 (4.8)	224 (1.9)	1 (0.8)	*** (***)	38 (4.8)	220 (2.1)
Nebraska†	43 (5.2)	219 (1.8)	6 (2.4)	*** (***)	52 (5.4)	221 (2.4)
New Hampshire†	63 (4.9)	221 (1.9)	3 (1.7)	*** (***)	34 (4.7)	228 (1.7)
New Jersey	50 (5.4)	215 (2.6)	4 (2.0)	*** (***)	46 (5.4)	226 (2.6)
New Mexico	59 (5.0)	203 (2.6)<	3 (1.9)	*** (***)	38 (4.8)	208 (3.1)
New York	49 (5.9)	210 (3.1)	2 (1.8)	*** (***)	49 (6.1)	213 (2.9)
North Carolina	51 (5.3)	213 (2.3)	14 (3.6)	210 (4.1)!	36 (4.9)	216 (2.7)
North Dakota	69 (4.2)	225 (1.4)	4 (1.7)	*** (***)	27 (4.1)	225 (2.5)
Pennsylvania†	50 (5.3)>	217 (2.7)	7 (3.2)	*** (***)	44 (4.9)	212 (3.5)
Rhode Island†	54 (4.9)	218 (2.3)	5 (2.7)	*** (***)	41 (4.6)	222 (1.9)
South Carolina	47 (5.2)	201 (2.2)<	11 (3.8)	201 (6.3)!	41 (4.6)	208 (2.8)
Tennessee†	50 (6.4)	208 (2.2)	7 (3.2)	*** (***)	43 (6.4)	217 (3.1)
Texas	37 (5.0)	203 (3.6)	20 (5.1)	225 (4.2)!	43 (5.6)	215 (2.5)
Utah	33 (5.0)	217 (2.5)	4 (2.0)	*** (***)	63 (5.0)	218 (1.7)
Virginia	50 (4.7)	211 (2.3)<	3 (1.3)	*** (***)	47 (4.8)	217 (2.2)
Washington	54 (4.7)	213 (2.0)	*** (***)	*** (***)	46 (4.7)	213 (2.5)
West Virginia	53 (5.3)	213 (1.4)	3 (1.7)<	*** (***)	43 (5.4)	213 (1.8)
Wisconsin†	42 (5.4)	224 (1.7)	1 (1.3)	*** (***)	56 (5.2)	224 (1.7)
Wyoming	61 (4.5)	222 (1.6)	5 (2.0)	*** (***)	34 (4.3)	220 (2.2)
Other Jurisdictions						
DoDEA Overseas	56 (3.7)	217 (1.3)	*** (***)	*** (***)	44 (3.7)	219 (1.4)
Guam	79 (0.2)>>	181 (1.5)	*** (***)	*** (***)	21 (0.2)<<	*** (***)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 21 1992 and 1994 READING ASSESSMENT

POPULATIONS: **1992 and 1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Prevalence of Ability Grouping***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

NAEP assessment year...	1992				1994			
Are students assigned to your reading class by ability?	Yes		No		Yes		No	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (. SE)	PROF (SE)
Nation								
Nation	34 (4.1)	211 (2.1)	66 (4.1)	219 (1.7)	22 (2.9)	210 (3.4)	78 (2.9)	214 (1.3)
Northeast	44 (10.4)	211 (4.4)!	56 (10.4)	225 (5.1)!	38 (5.3)	209 (5.4)	62 (5.3)	215 (3.8)
Southeast	32 (5.2)	208 (3.2)!	68 (5.2)	214 (3.9)	18 (4.4)	201 (6.9)!	82 (4.4)	210 (2.2)
Central	28 (8.9)	214 (4.1)!	72 (8.9)	222 (2.5)	22 (7.6)	217 (8.9)!	78 (7.6)	219 (2.1)
West	33 (7.2)	209 (3.6)!	67 (7.2)	215 (3.8)	14 (5.8)	211 (6.0)!	86 (5.8)	214 (2.3)
States								
Alabama	32 (4.2)	202 (2.9)	68 (4.2)	210 (2.1)	28 (4.1)	203 (3.5)	72 (4.1)	210 (1.5)
Arizona	30 (3.7)	208 (2.9)	70 (3.7)	210 (1.3)	19 (2.8)	213 (4.8)	81 (2.8)	205 (1.9)
Arkansas	45 (4.5)	212 (2.0)	55 (4.5)	210 (1.6)	28 (4.2)	201 (3.7)	72 (4.2)	212 (1.9)
California	14 (2.5)	201 (6.6)	86 (2.5)	203 (2.3)	18 (3.7)	199 (6.2)!	82 (3.7)	197 (2.3)
Colorado	17 (3.4)	212 (3.1)	83 (3.4)	218 (1.3)	11 (2.1)	210 (4.1)	89 (2.1)	215 (1.4)
Connecticut	34 (4.4)	220 (2.8)	66 (4.4)	225 (1.9)	20 (2.8)	208 (5.3)	80 (2.8)	226 (1.5)
Delaware†	75 (0.7)	212 (0.8)	25 (0.7)	218 (1.9)	61 (0.8)	204 (1.5)	39 (0.8)	211 (1.7)
Florida	22 (2.8)	202 (2.8)	78 (2.8)	210 (1.3)	18 (2.6)	200 (4.0)	82 (2.6)	206 (1.9)
Georgia	40 (3.8)	208 (2.6)	60 (3.8)	214 (2.1)	34 (3.5)	203 (3.9)	66 (3.5)	210 (2.5)
Hawaii	38 (4.7)	200 (2.9)	62 (4.7)	204 (2.2)	28 (3.4)	196 (3.2)	72 (3.4)	203 (2.0)
Indiana	24 (4.1)	225 (2.7)	76 (4.1)	220 (1.5)	24 (3.5)	216 (3.0)	76 (3.5)	221 (1.6)
Iowa	29 (4.2)	223 (2.0)	71 (4.2)	227 (1.2)	18 (3.7)	218 (3.5)!	82 (3.7)	224 (1.4)
Kentucky	37 (4.9)	214 (2.1)	63 (4.9)	211 (1.6)	13 (2.6)	221 (6.4)!	87 (2.6)	210 (1.4)
Louisiana	30 (4.0)	207 (2.4)	70 (4.0)	203 (1.6)	19 (2.7)	193 (4.1)	81 (2.7)	198 (1.9)
Maine†	34 (4.9)	224 (1.9)	66 (4.9)	229 (1.4)	29 (4.3)	226 (2.4)	71 (4.3)	230 (1.4)
Maryland	60 (3.7)	211 (2.1)	40 (3.7)	212 (2.3)	46 (4.6)	208 (3.0)	54 (4.6)	211 (2.1)
Massachusetts	36 (4.6)	224 (2.0)	64 (4.6)	227 (1.4)	31 (4.5)	217 (2.4)	69 (4.5)	226 (1.9)
Minnesota	36 (4.7)	218 (2.4)	64 (4.7)	222 (2.0)	21 (4.4)	216 (2.7)!	79 (4.4)	220 (1.7)
Mississippi	29 (4.1)	199 (2.3)	71 (4.1)	200 (1.8)	25 (3.9)	196 (2.7)	75 (3.9)	204 (2.1)
Missouri	33 (4.6)	220 (2.2)	67 (4.6)	221 (1.7)	19 (3.3)	209 (3.2)	81 (3.3)	219 (1.7)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	17 (2.9)	209 (3.4)	83 (2.9)	225 (1.6)
Nebraska†	35 (3.8)	223 (1.9)	65 (3.8)	221 (1.5)	20 (4.4)	214 (4.6)!	80 (4.4)	221 (1.7)
New Hampshire†	21 (3.3)	227 (2.6)	79 (3.3)	229 (1.4)	18 (3.0)	221 (2.5)	82 (3.0)	224 (1.6)
New Jersey†	47 (5.0)	223 (2.4)	53 (5.0)	224 (2.3)	34 (4.8)	221 (3.1)	66 (4.8)	220 (1.7)
New Mexico	18 (3.4)	208 (4.3)	82 (3.4)	211 (2.0)	25 (3.1)	199 (3.9)	75 (3.1)	207 (2.1)
New York†	45 (4.3)	212 (2.2)	55 (4.3)	218 (1.9)	45 (3.9)	209 (2.6)	55 (3.9)	214 (2.3)
North Carolina	22 (3.5)	211 (3.1)	78 (3.5)	212 (1.6)	21 (3.1)	209 (4.2)	79 (3.1)	215 (1.7)
North Dakota	25 (3.6)	220 (3.2)	75 (3.6)	227 (1.5)	14 (2.7)	220 (3.8)	86 (2.7)	226 (1.3)
Pennsylvania†	53 (4.8)	220 (2.1)	47 (4.8)	220 (2.2)	24 (3.9)	202 (5.6)	76 (3.9)	220 (1.5)
Rhode Island†	38 (4.5)	219 (2.8)	62 (4.5)	216 (2.7)	20 (3.8)	222 (2.8)	80 (3.8)	220 (1.6)
South Carolina	50 (4.2)	206 (1.9)	50 (4.2)	213 (1.8)	38 (3.6)	204 (2.3)	62 (3.6)	203 (1.9)
Tennessee†	35 (4.1)	211 (2.7)	65 (4.1)	212 (2.0)	40 (5.1)	216 (2.8)	60 (5.1)	211 (2.1)
Texas	34 (5.0)	213 (3.0)	66 (5.0)	215 (2.2)	22 (3.3)	211 (3.4)	78 (3.3)	213 (2.2)
Utah	24 (3.8)	219 (2.1)	76 (3.8)	221 (1.2)	21 (3.7)	210 (3.7)	79 (3.7)	219 (1.4)
Virginia	42 (4.5)	218 (2.6)	58 (4.5)	224 (2.2)	26 (4.2)	212 (3.0)	74 (4.2)	214 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	16 (3.2)	211 (4.4)!	84 (3.2)	214 (1.4)
West Virginia	30 (4.1)	213 (2.3)	70 (4.1)	216 (1.7)	20 (3.3)	205 (3.5)	80 (3.3)	215 (1.2)
Wisconsin†	30 (3.9)	222 (1.8)	70 (3.9)	225 (1.3)	24 (4.0)	224 (2.8)	76 (4.0)	225 (1.3)
Wyoming	18 (3.7)	220 (2.8)!	82 (3.7)	224 (1.3)	17 (3.0)	214 (4.3)	83 (3.0)	222 (1.2)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	18 (1.9)	213 (1.9)	82 (1.9)	218 (0.9)
Guam	44 (0.8)	180 (2.1)	56 (0.8)	183 (1.7)	5 (0.4)	*** (***)	95 (0.4)	180 (1.4)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 22

1992 and 1994 READING ASSESSMENT

POPULATIONS: **1992 and 1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Availability of Instructional Support Personnel**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

NAEP assessment year...	1992				1994			
Is there a reading specialist available to help or advise you?	Yes		No		Yes		No	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	64 (3.2)	216 (1.5)	36 (3.2)	216 (1.9)	67 (2.9)	213 (1.4)	33 (2.9)	214 (2.4)
Northeast	74 (7.2)	223 (5.1)	26 (7.2)	217 (4.6)!	88 (2.6)	215 (2.6)	12 (2.6)	197 (9.6)
Southeast	57 (6.3)	210 (2.0)	43 (6.3)	214 (4.5)	64 (6.1)	207 (2.8)	36 (6.1)	210 (5.0)
Central	66 (6.5)	217 (1.9)	34 (6.5)	224 (2.7)!	63 (5.9)	218 (3.6)	37 (5.9)	222 (3.5)
West	59 (5.5)	214 (2.0)	41 (5.5)	211 (2.9)	57 (6.5)	213 (2.5)	43 (6.5)	215 (3.5)
States								
Alabama	54 (3.7)	207 (2.6)	46 (3.7)	210 (2.0)	58 (3.9)	206 (2.2)	42 (3.9)	212 (1.9)
Arizona	60 (3.0)	212 (1.5)	40 (3.0)	206 (2.1)	72 (2.9)>	207 (2.3)	28 (2.9)<	204 (2.8)
Arkansas	48 (3.5)	208 (1.9)	52 (3.5)	213 (1.7)	52 (3.9)	208 (2.3)	48 (3.9)	209 (2.5)
California	51 (3.7)	201 (3.1)	49 (3.7)	204 (2.6)	62 (4.6)	200 (3.1)	38 (4.6)	194 (3.5)
Colorado	48 (3.7)	215 (1.6)	52 (3.7)	217 (1.7)	47 (4.1)	209 (2.0)<	53 (4.1)	219 (1.7)
Connecticut	88 (2.3)	222 (1.5)	12 (2.3)	227 (3.5)	83 (2.9)	224 (1.8)	17 (2.9)	212 (8.0)
Delaware†	67 (0.9)	213 (1.0)	33 (0.9)	214 (1.6)	68 (0.9)	206 (1.3)<<	32 (0.9)	209 (1.8)
Florida	76 (3.1)	208 (1.4)	24 (3.1)	210 (2.7)	73 (3.0)	204 (2.1)	27 (3.0)	208 (2.4)
Georgia	83 (2.5)	212 (1.7)	17 (2.5)	212 (3.5)	82 (2.3)	207 (2.9)	18 (2.3)	211 (3.3)
Hawaii	78 (2.5)	204 (1.9)	22 (2.5)	200 (3.7)	78 (2.1)	202 (1.9)	22 (2.1)	195 (2.9)
Indiana	43 (3.9)	219 (1.8)	57 (3.9)	222 (1.6)	55 (4.3)>	219 (1.8)	45 (4.3)<	222 (2.2)
Iowa	73 (3.5)	225 (1.3)	27 (3.5)	227 (1.6)	69 (4.1)	223 (1.6)	31 (4.1)	223 (2.2)
Kentucky	47 (3.5)	213 (2.2)	53 (3.5)	212 (1.4)	55 (3.7)	212 (2.2)	45 (3.7)	211 (2.0)
Louisiana	64 (4.1)	204 (1.7)	36 (4.1)	204 (2.5)	63 (4.1)	198 (2.0)<	37 (4.1)	196 (2.7)
Maine†	35 (4.0)	226 (2.2)	65 (4.0)	227 (1.2)	49 (3.8)>	228 (1.6)	51 (3.8)<	229 (1.6)
Maryland	83 (3.2)	213 (1.6)	17 (3.2)	206 (5.2)!	96 (1.4)>>	210 (1.6)	4 (1.4)<<	212 (6.8)!
Massachusetts	69 (3.5)	227 (1.3)	31 (3.5)	225 (2.0)	69 (3.8)	224 (1.8)	31 (3.8)	223 (2.3)
Minnesota	52 (4.4)	221 (1.6)	48 (4.4)	220 (1.8)	52 (4.2)	220 (2.0)	48 (4.2)	218 (1.6)
Mississippi	49 (4.1)	201 (1.7)	51 (4.1)	197 (2.4)	50 (4.2)	201 (2.6)	50 (4.2)	204 (2.4)
Missouri	47 (4.3)	218 (2.3)	53 (4.3)	222 (1.4)	56 (3.3)	215 (2.2)	44 (3.3)	219 (1.7)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	45 (3.5)	222 (1.6)	55 (3.5)	223 (1.8)
Nebraska†	53 (3.2)	222 (1.5)	47 (3.2)	221 (1.6)	49 (3.7)	220 (2.0)	51 (3.7)	220 (2.1)
New Hampshire†	77 (3.3)	228 (1.5)	23 (3.3)	227 (2.2)	79 (2.7)	225 (1.5)	21 (2.7)	218 (2.8)<
New Jersey†	75 (3.2)	224 (1.7)	25 (3.2)	221 (2.8)	82 (3.9)	220 (1.5)	18 (3.9)	224 (4.1)!
New Mexico	40 (3.8)	211 (3.1)	60 (3.8)	209 (1.6)	43 (3.6)	201 (3.3)<	57 (3.6)	208 (1.9)
New York†	75 (3.5)	215 (1.6)	25 (3.5)	216 (3.9)	87 (2.3)>	212 (1.6)	13 (2.3)<	214 (4.2)
North Carolina	66 (3.9)	212 (1.4)	34 (3.9)	212 (2.2)	74 (3.4)	213 (1.7)	26 (3.4)	216 (2.6)
North Dakota	35 (3.8)	224 (1.9)	65 (3.8)	227 (1.6)	48 (4.0)>	225 (1.6)	52 (4.0)<	225 (1.5)
Pennsylvania†	76 (3.4)	220 (1.7)	24 (3.4)	223 (2.3)	84 (3.0)	217 (1.9)	16 (3.0)	212 (4.2)<
Rhode Island†	79 (3.4)	217 (1.8)	21 (3.4)	214 (6.6)	90 (2.7)>	219 (1.4)	10 (2.7)<	225 (4.0)!
South Carolina	81 (3.0)	210 (1.4)	19 (3.0)	209 (3.2)	77 (3.3)	204 (1.8)<	23 (3.3)	203 (2.7)
Tennessee†	51 (3.4)	213 (2.2)	49 (3.4)	212 (1.8)	47 (4.5)	211 (3.1)	53 (4.5)	215 (2.2)
Texas	73 (3.2)	213 (1.8)	27 (3.2)	213 (3.0)	71 (3.5)	215 (2.3)	29 (3.5)	209 (3.3)
Utah	50 (3.2)	221 (1.7)	50 (3.2)	220 (1.5)	52 (3.3)	217 (2.1)	48 (3.3)	218 (1.8)
Virginia	83 (3.0)	222 (1.5)	17 (3.0)	216 (2.6)	87 (2.2)	214 (1.6)<<	13 (2.2)	209 (3.2)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	57 (4.0)	213 (1.5)	43 (4.0)	214 (2.4)
West Virginia	67 (3.5)	215 (1.7)	33 (3.5)	215 (2.1)	78 (3.0)>	213 (1.3)	22 (3.0)<	212 (2.4)
Wisconsin†	93 (1.9)	224 (1.0)	7 (1.9)	222 (4.5)!	95 (1.4)	224 (1.3)	5 (1.4)	224 (4.3)!
Wyoming	53 (3.4)	223 (1.7)	47 (3.4)	224 (1.6)	65 (3.2)>	221 (1.6)	35 (3.2)<	221 (1.9)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	88 (2.2)	217 (0.9)	12 (2.2)	217 (2.5)
Guam	66 (0.9)	187 (1.6)	34 (0.9)	174 (2.0)	82 (0.7)>>	180 (1.3)<	18 (0.7)<<	181 (3.2)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 23 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
SCHOOLS' REPORTS ON: **Involving Parents as Aides in Classrooms**

Does your school involve parents as aides in class?	Yes, Routinely		Yes, Occasionally		No	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	45 (3.7)	219 (2.0)	44 (3.7)	213 (1.7)	11 (2.6)	208 (3.5)!
Northeast	42 (9.6)	222 (6.5)!	49 (9.9)	220 (6.0)	10 (4.5)	214 (5.5)!
Southeast	42 (6.2)	217 (4.6)	48 (6.8)	208 (3.3)	10 (6.9)	*** (***)
Central	46 (7.3)	218 (2.3)	42 (6.9)	218 (2.7)	12 (5.4)	215 (5.4)!
West	50 (6.6)	219 (2.8)	39 (5.9)	205 (2.2)	12 (3.9)	199 (7.0)!
States						
Alabama	30 (4.4)	212 (3.4)	50 (5.2)	205 (2.5)	20 (4.1)	206 (4.4)!
Arizona	63 (4.7)	213 (1.6)	35 (4.8)	204 (3.0)	2 (1.4)	*** (***)
Arkansas	32 (3.8)	217 (2.3)	45 (4.6)	208 (2.0)	23 (3.7)	207 (3.9)
California	61 (4.7)	212 (2.1)	36 (4.5)	183 (3.4)	3 (1.6)	*** (***)
Colorado	76 (4.0)	218 (1.3)	22 (4.0)	210 (2.7)	2 (1.1)	*** (***)
Connecticut	42 (4.0)	223 (2.3)	47 (4.4)	220 (2.6)	11 (3.0)	222 (2.8)!
Delaware†	23 (0.2)	214 (1.8)	68 (0.2)	213 (0.7)	9 (0.1)	*** (***)
Florida	65 (4.5)	212 (1.7)	33 (4.7)	202 (2.8)	2 (1.5)	*** (***)
Georgia	32 (4.4)	222 (2.7)	52 (5.4)	209 (2.2)	16 (3.6)	204 (3.9)!
Hawaii	29 (5.3)	206 (3.3)	64 (5.8)	203 (2.2)	7 (2.2)	*** (***)
Indiana	44 (4.9)	224 (2.0)	46 (5.3)	220 (1.9)	10 (3.1)	217 (3.4)!
Iowa	41 (5.1)	224 (2.0)	47 (5.1)	228 (1.4)	13 (3.2)	221 (2.6)!
Kentucky	32 (4.1)	219 (2.3)	54 (4.7)	210 (1.5)	14 (3.2)	207 (3.5)!
Louisiana	37 (4.7)	206 (2.4)	48 (4.4)	201 (2.1)	15 (3.6)	208 (3.8)!
Maine†	46 (6.0)	229 (1.5)	48 (5.8)	226 (1.5)	5 (2.1)	*** (***)
Maryland	67 (4.5)	217 (1.8)	30 (4.4)	198 (3.3)	3 (1.5)	*** (***)
Massachusetts	43 (5.2)	229 (1.6)	47 (5.3)	225 (1.9)	9 (2.6)	218 (5.4)!
Minnesota	42 (5.5)	224 (2.5)	52 (5.4)	220 (1.4)	6 (1.9)	*** (***)
Mississippi	16 (3.9)	197 (4.7)!	44 (5.4)	201 (2.0)	39 (5.0)	198 (2.9)
Missouri	43 (5.0)	225 (1.9)	45 (4.5)	217 (1.8)	11 (2.8)	212 (5.2)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	31 (4.3)	223 (2.2)	55 (4.8)	220 (1.4)	14 (2.9)	222 (4.0)!
New Hampshire†	61 (5.6)	228 (1.8)	35 (5.3)	227 (2.0)	4 (1.9)	*** (***)
New Jersey†	15 (3.8)	231 (4.4)!	35 (4.1)	223 (3.1)	50 (4.6)	222 (1.9)
New Mexico	52 (5.8)	213 (2.2)	43 (6.1)	210 (1.9)	6 (2.3)	*** (***)
New York†	30 (5.6)	213 (4.6)	38 (5.1)	215 (3.2)	32 (5.5)	216 (3.6)
North Carolina	32 (4.8)	217 (2.2)	52 (4.8)	208 (2.0)	16 (3.6)	211 (3.7)!
North Dakota	12 (3.6)	227 (3.3)!	64 (4.4)	225 (1.3)	24 (3.4)	226 (2.6)
Pennsylvania	41 (4.9)	220 (2.7)	40 (4.6)	222 (1.8)	19 (3.8)	222 (3.0)
Rhode Island	31 (5.0)	222 (3.2)	51 (5.7)	216 (3.0)	18 (3.8)	208 (3.6)!
South Carolina	34 (4.8)	213 (2.4)	53 (5.4)	209 (2.0)	12 (3.3)	204 (4.7)!
Tennessee	42 (5.2)	212 (3.0)	49 (5.4)	213 (1.8)	10 (3.4)	208 (5.5)!
Texas	31 (4.4)	219 (2.4)	57 (5.4)	209 (2.3)	11 (3.6)	214 (3.9)!
Utah	71 (4.2)	223 (1.2)	29 (4.2)	215 (2.2)	*** (***)	*** (***)
Virginia	54 (5.0)	225 (2.2)	44 (5.0)	217 (2.0)	2 (1.3)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	41 (4.8)	218 (2.0)	49 (4.5)	214 (1.9)	11 (2.6)	216 (5.5)!
Wisconsin	45 (5.0)	225 (1.5)	47 (5.1)	222 (1.7)	8 (2.7)	226 (5.4)!
Wyoming	41 (4.8)	226 (1.7)	52 (4.8)	222 (1.6)	7 (2.2)	220 (5.5)!
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	17 (0.2)	*** (***)	75 (0.2)	180 (1.4)	8 (0.1)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 23

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

SCHOOLS' REPORTS ON: **Involving Parents as Aides in Classrooms**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Does your school involve parents as aides in class?	Yes, Routinely		Yes, Occasionally		No	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	45 (3.6)	214 (1.9)	43 (3.9)	212 (2.2)	12 (2.3)	211 (5.3)
Northeast	30 (6.3)	212 (5.4)!	53 (7.8)	216 (4.8)	17 (6.4)	203 (10.2)!
Southeast	35 (8.3)	211 (4.1)!	57 (9.0)	207 (3.9)	8 (4.0)	*** (***)
Central	46 (4.5)	221 (3.2)	39 (4.1)	218 (3.1)	15 (4.8)	217 (10.1)!
West	65 (8.3)	212 (3.0)	27 (8.7)	208 (5.5)!	7 (3.5)	224 (6.6)!
States						
Alabama	21 (4.3)	215 (4.0)!	65 (4.8)	207 (2.2)	14 (3.3)	203 (4.1)!
Arizona	59 (4.9)	213 (2.5)	39 (5.0)	198 (4.1)	2 (1.5)	*** (***)
Arkansas	30 (5.3)	213 (3.4)	46 (5.6)	206 (1.8)	24 (4.5)	209 (4.1)
California	63 (5.1)	203 (2.5)<	35 (5.0)	185 (4.6)	1 (1.3)	*** (***)
Colorado	68 (4.6)	216 (1.6)	31 (4.4)	206 (3.4)	1 (1.1)	*** (***)
Connecticut	41 (5.2)	227 (2.9)	50 (5.4)	217 (3.4)	9 (2.6)	*** (***)
Delaware	33 (0.2)>>	212 (1.3)	58 (0.2)<<	204 (1.7)<<	9 (0.1)>>	*** (***)
Florida	48 (5.3)<	214 (2.4)	46 (5.4)	197 (2.8)	6 (2.3)	*** (***)
Georgia	35 (4.9)	219 (4.4)	47 (4.9)	201 (3.7)	18 (3.7)	197 (3.4)
Hawaii	35 (4.3)	203 (2.9)	59 (4.7)	199 (2.5)	6 (2.3)	*** (***)
Indiana	34 (5.0)	222 (2.3)	56 (4.8)	218 (2.1)	10 (3.3)	223 (4.2)!
Iowa	37 (4.6)	225 (2.4)	55 (4.9)	221 (1.9)<	8 (2.7)	228 (3.7)!
Kentucky	41 (4.7)	213 (2.2)	48 (5.2)	212 (2.4)	12 (3.3)	206 (3.0)!
Louisiana	26 (5.1)	191 (5.2)<	60 (5.0)	198 (2.3)	13 (3.2)	201 (4.5)!
Maine	49 (4.3)	226 (1.8)	42 (4.0)	231 (2.0)	9 (2.4)	230 (2.8)!
Maryland	57 (5.3)	214 (2.2)	37 (5.1)	203 (3.0)	6 (2.6)	*** (***)
Massachusetts	32 (5.1)	225 (2.6)	53 (5.2)	225 (2.1)	15 (3.5)	213 (4.4)!
Minnesota	41 (4.6)	222 (2.5)	48 (5.1)	216 (2.1)	11 (3.3)	216 (3.5)!
Mississippi	9 (3.1)	*** (***)	48 (5.1)	203 (2.6)	43 (4.9)	197 (2.5)
Missouri	34 (4.2)	222 (2.2)	51 (4.9)	214 (2.6)	16 (3.7)	215 (3.2)!
Montana†	41 (4.5)	225 (1.8)	52 (4.9)	221 (2.1)	7 (2.6)	214 (4.5)!
Nebraska†	32 (4.8)	220 (3.2)	52 (4.6)	219 (1.9)	16 (3.1)	225 (3.6)
New Hampshire†	57 (5.0)	225 (2.1)	33 (4.3)	220 (2.4)<	10 (3.1)	*** (***)
New Jersey	16 (4.1)	219 (4.4)!	49 (5.8)	223 (2.7)	35 (5.2)	220 (3.4)
New Mexico	36 (5.3)	211 (2.8)	56 (5.2)	203 (2.1)<	8 (2.9)	*** (***)
New York	27 (4.5)	206 (4.2)	44 (5.2)	215 (2.4)	29 (5.2)	212 (4.2)
North Carolina	32 (4.9)	217 (2.9)	57 (5.1)	214 (1.9)	11 (3.4)	204 (4.1)!
North Dakota	17 (3.3)	228 (2.9)	59 (4.7)	225 (1.7)	24 (4.1)	224 (2.4)
Pennsylvania†	49 (5.6)	211 (2.8)	37 (6.3)	218 (3.0)	14 (4.2)	223 (3.5)!
Rhode Island†	30 (4.4)	222 (2.0)	43 (4.7)	216 (2.0)	26 (4.3)	223 (3.3)
South Carolina	38 (5.1)	212 (3.0)	54 (5.2)	199 (2.1)<<	9 (3.0)	*** (***)
Tennessee†	43 (5.3)	213 (3.2)	45 (5.9)	211 (2.4)	11 (4.1)	*** (***)
Texas	36 (5.4)	219 (3.3)	54 (5.6)	209 (2.9)	10 (2.6)	208 (6.1)!
Utah	66 (4.7)	218 (1.5)<	33 (4.7)	215 (3.0)	1 (0.7)	*** (***)
Virginia	39 (5.4)	220 (2.3)	46 (4.6)	210 (2.5)	15 (3.7)>	207 (5.1)!
Washington	76 (3.9)	215 (1.6)	24 (3.8)	207 (3.9)	1 (0.8)	*** (***)
West Virginia	39 (4.8)	216 (1.8)	45 (4.6)	212 (1.7)	16 (3.4)	211 (3.6)!
Wisconsin†	43 (5.5)	227 (1.4)	51 (5.3)	222 (1.8)	6 (2.6)	*** (***)
Wyoming	42 (4.5)	223 (1.6)	49 (4.6)	220 (1.7)	8 (2.7)	218 (7.9)!
Other Jurisdictions						
DoDEA Overseas	78 (3.0)	217 (1.0)	22 (3.0)	221 (1.9)	*** (***)	*** (***)
Guam	24 (0.2)>>	*** (***)	63 (0.2)<<	179 (1.5)	13 (0.2)>>	*** (***)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 24 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Time Spent on Reading Instruction**

How much time do you spend on reading instruction on a typical day?	45 Minutes or Less		60 Minutes		90 Minutes or More	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	29 (3.2)	216 (2.2)	52 (3.4)	217 (1.8)	19 (1.8)	213 (2.5)
Northeast	24 (3.7)	224 (7.1)	44 (5.4)	218 (5.2)	33 (4.6)	217 (4.2)
Southeast	32 (5.4)	213 (4.0)	47 (4.6)	212 (3.5)	20 (3.9)	211 (7.0)
Central	24 (7.3)	215 (3.3)!	67 (8.6)	222 (3.0)	9 (2.1)	213 (4.9)!
West	35 (7.6)	215 (4.9)!	47 (7.2)	213 (3.3)	18 (4.3)	209 (3.9)!
States						
Alabama	12 (1.9)	203 (3.4)	63 (3.6)	210 (2.2)	25 (3.5)	204 (3.5)
Arizona	39 (3.4)	208 (2.7)	42 (3.6)	210 (1.7)	19 (3.1)	212 (2.3)
Arkansas	45 (3.9)	209 (2.1)	42 (3.7)	212 (1.7)	13 (3.0)	211 (3.3)!
California	20 (2.7)	211 (3.4)	46 (3.5)	203 (3.0)	34 (3.3)	197 (4.2)
Colorado	27 (2.7)	218 (2.2)	49 (2.9)	218 (1.7)	24 (3.0)	215 (2.2)
Connecticut	18 (3.4)	227 (2.7)	47 (4.0)	227 (1.8)	35 (4.0)	217 (3.3)
Delaware†	39 (1.1)	209 (1.7)	41 (1.2)	214 (1.2)	20 (0.8)	221 (2.0)
Florida	25 (2.8)	211 (2.0)	48 (3.1)	208 (1.6)	27 (3.1)	206 (3.5)
Georgia	22 (3.1)	214 (3.2)	47 (3.3)	210 (2.5)	[illegible] (3.1)	213 (2.6)
Hawaii	37 (2.8)	199 (2.6)	37 (3.2)	204 (2.4)	[illegible] (3.3)	206 (3.1)
Indiana	40 (4.1)	223 (2.0)	49 (3.5)	221 (2.0)	10 (2.4)	219 (3.2)!
Iowa	29 (3.8)	225 (1.7)	50 (4.2)	227 (1.5)	22 (3.3)	224 (2.3)
Kentucky	35 (3.6)	212 (2.1)	51 (3.6)	214 (1.7)	14 (2.6)	209 (4.0)
Louisiana	20 (3.1)	205 (2.5)	69 (3.3)	204 (1.6)	11 (2.1)	202 (5.5)!
Maine†	29 (3.5)	226 (2.0)	52 (3.9)	226 (1.5)	19 (3.4)	230 (2.8)
Maryland	20 (2.9)	217 (3.3)	37 (3.3)	212 (2.5)	43 (3.3)	208 (3.0)
Massachusetts	24 (3.4)	228 (2.3)	57 (4.3)	228 (1.4)	19 (3.4)	221 (2.7)
Minnesota	27 (3.2)	221 (3.2)	66 (3.9)	219 (1.5)	7 (2.2)	226 (2.8)!
Mississippi	10 (2.3)	203 (4.1)!	20 (3.3)	195 (3.5)	70 (3.9)	200 (1.8)
Missouri	24 (3.5)	223 (2.6)	61 (3.5)	220 (1.7)	16 (3.2)	218 (4.4)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	30 (3.6)	222 (2.2)	52 (3.9)	222 (1.5)	17 (2.8)	220 (2.6)
New Hampshire†	37 (3.6)	227 (1.7)	47 (3.5)	230 (1.9)	17 (2.7)	227 (2.5)
New Jersey†	29 (4.7)	224 (3.7)	46 (5.0)	227 (2.1)	25 (3.9)	216 (3.9)
New Mexico	30 (3.8)	212 (3.6)	49 (3.9)	210 (1.9)	21 (3.0)	211 (3.3)
New York†	34 (3.7)	219 (2.4)	37 (3.3)	215 (2.5)	29 (3.4)	210 (3.2)
North Carolina	44 (3.0)	212 (2.0)	40 (3.3)	212 (2.1)	16 (2.4)	210 (3.1)
North Dakota	37 (4.3)	228 (2.1)	52 (4.2)	224 (2.1)	12 (3.1)	225 (3.4)!
Pennsylvania	26 (3.7)	220 (2.8)	58 (3.6)	221 (1.8)	16 (2.4)	215 (3.2)
Rhode Island	16 (2.9)	219 (5.9)	52 (4.4)	222 (2.0)	31 (3.6)	209 (2.6)
South Carolina	37 (3.3)	210 (2.2)	44 (3.5)	212 (2.1)	19 (2.8)	202 (3.9)
Tennessee	30 (3.6)	210 (2.4)	56 (3.7)	212 (2.0)	14 (2.5)	214 (3.9)
Texas	36 (4.2)	217 (2.3)	45 (3.7)	215 (2.8)	20 (3.3)	207 (4.8)
Utah	38 (3.4)	220 (1.7)	45 (3.5)	220 (1.5)	17 (2.9)	220 (3.2)
Virginia	29 (3.3)	224 (2.7)	45 (2.9)	220 (1.8)	26 (3.2)	221 (2.7)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	17 (2.9)	215 (3.2)	63 (3.3)	216 (1.7)	20 (2.7)	212 (2.7)
Wisconsin	17 (2.5)	221 (3.3)	64 (3.3)	226 (1.0)	18 (2.9)	218 (2.7)
Wyoming	27 (3.4)	226 (2.4)	58 (4.1)	223 (1.5)	15 (2.6)	221 (2.4)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	28 (1.1)	181 (2.2)	43 (0.9)	187 (2.0)	30 (1.1)	174 (2.2)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 24

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students

REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency

TEACHERS' REPORTS ON: Time Spent on Reading Instruction*

How much time do you spend on reading instruction on a typical day?	45 Minutes or Less		60 Minutes		90 Minutes or More	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	37 (2.5)	215 (2.1)	44 (2.7)	217 (1.8)	19 (1.9)	200 (4.0)
Northeast	28 (5.8)	220 (3.8)	45 (4.4)	217 (4.2)	27 (4.2)	195 (4.8)
Southeast	48 (5.7)	209 (3.5)	34 (5.8)	214 (2.6)	18 (4.3)	196 (4.8)!
Central	34 (5.0)	218 (4.4)	55 (6.6)	222 (3.5)	11 (4.3)	204 (14.6)!
West	38 (4.0)	216 (3.6)	43 (4.5)	214 (3.0)	19 (3.0)	207 (8.8)
States						
Alabama	19 (3.0)	206 (3.5)	60 (4.1)	211 (1.7)	22 (3.2)	201 (4.0)
Arizona	37 (2.9)	207 (2.8)	44 (3.0)	206 (2.7)	20 (2.4)	207 (3.8)
Arkansas	46 (3.8)	207 (2.4)	41 (3.6)	211 (2.7)	13 (2.6)	208 (4.4)!
California	33 (3.5)	199 (3.6)	42 (4.1)	202 (2.9)	24 (2.9)	188 (3.3)
Colorado	40 (3.4)	215 (2.2)	47 (2.9)	215 (1.8)	13 (2.3)	207 (4.0)
Connecticut	22 (2.5)	223 (4.0)	51 (3.2)	224 (2.3)	28 (2.8)	218 (3.8)
Delaware	40 (1.0)	205 (1.8)	36 (1.0)	209 (2.1)	25 (0.9)	207 (2.5)
Florida	41 (2.6)	206 (2.3)	40 (2.4)	206 (2.3)	19 (2.5)	198 (4.6)
Georgia	32 (3.2)	208 (3.4)	46 (3.0)	208 (2.2)	22 (2.9)	208 (5.8)
Hawaii	46 (3.0)	200 (2.9)	29 (2.5)	202 (2.4)	25 (2.2)	200 (3.1)
Indiana	38 (3.4)	221 (1.9)	54 (3.6)	222 (1.8)	8 (1.5)	205 (3.4)
Iowa	38 (3.7)	221 (1.7)	49 (3.7)	224 (1.7)	13 (2.8)	226 (3.6)!
Kentucky	43 (3.6)	209 (2.3)	47 (3.6)	214 (2.1)	10 (2.2)	209 (4.1)!
Louisiana	21 (2.9)	190 (3.9)	67 (3.0)	201 (1.7)	12 (2.5)	192 (5.3)!
Maine	33 (3.2)	225 (1.9)	56 (3.1)	231 (1.6)	12 (2.2)	229 (3.8)
Maryland	21 (2.4)	217 (3.7)	49 (4.0)	209 (2.7)	30 (3.7)	206 (3.3)
Massachusetts	29 (3.9)	228 (2.1)	54 (3.9)	224 (1.8)	18 (2.6)	215 (4.7)
Minnesota	32 (3.6)	217 (2.5)	57 (3.7)	220 (1.7)	10 (2.1)	220 (3.8)
Mississippi	12 (2.8)	199 (6.1)!	23 (3.2)	202 (3.6)	64 (3.8)	202 (2.1)
Missouri	37 (3.8)	217 (2.2)	48 (4.0)	217 (2.3)	14 (2.5)	215 (3.1)
Montana†	31 (3.3)	221 (2.3)	54 (3.6)	224 (1.8)	15 (2.3)	220 (3.0)
Nebraska†	32 (4.0)	222 (2.3)	54 (4.0)	221 (2.1)	15 (2.7)	214 (4.3)
New Hampshire†	42 (3.9)	225 (1.8)	38 (4.1)	222 (2.3)	19 (3.0)	223 (2.9)
New Jersey	30 (3.5)	223 (3.2)	42 (3.5)	225 (2.2)	29 (3.5)	211 (3.0)
New Mexico	39 (3.4)	204 (2.5)	44 (3.1)	206 (2.4)	16 (2.4)	201 (3.5)
New York	37 (3.5)	217 (2.3)	39 (3.2)	214 (2.2)	24 (3.3)	199 (4.2)
North Carolina	42 (4.0)	216 (2.2)	42 (3.3)	213 (2.1)	16 (3.1)	210 (3.5)
North Dakota	38 (3.3)	225 (1.6)	51 (3.1)	225 (1.9)	11 (2.4)	226 (2.8)!
Pennsylvania†	22 (3.0)	214 (4.8)	55 (4.4)	216 (2.3)	23 (3.8)	216 (2.4)
Rhode Island†	20 (2.4)	223 (3.1)	54 (2.8)	221 (1.7)	26 (2.8)	215 (2.5)
South Carolina	42 (3.6)	202 (2.3)	40 (3.4)	207 (2.2)	18 (2.6)	199 (3.1)
Tennessee†	39 (5.0)	217 (2.5)	46 (5.0)	211 (2.4)	15 (3.2)	209 (3.2)!
Texas	39 (3.4)	218 (3.0)	42 (3.2)	211 (2.3)	20 (2.7)	205 (3.1)
Utah	42 (3.8)	218 (2.0)	46 (3.3)	217 (1.6)	12 (2.3)	216 (5.1)
Virginia	33 (2.6)	214 (2.9)	42 (3.0)	213 (2.0)	26 (2.5)	213 (2.8)
Washington	51 (3.3)	215 (1.9)	43 (3.3)	213 (2.4)	6 (1.4)	206 (3.3)!
West Virginia	16 (3.3)	218 (2.7)!	61 (4.1)	213 (1.3)	23 (3.5)	210 (2.8)
Wisconsin†	19 (3.2)	225 (2.8)	63 (3.8)	226 (1.4)	18 (2.9)	218 (2.5)
Wyoming	35 (3.1)	220 (2.0)	49 (3.3)	221 (1.8)	16 (2.2)	222 (2.4)
Other Jurisdictions						
DoDEA Overseas	37 (2.3)	217 (1.5)	53 (2.4)	217 (1.2)	10 (1.8)	220 (3.0)
Guam	41 (1.0)	179 (1.6)	34 (0.8)	182 (2.1)	25 (1.0)	181 (2.4)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 25

1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Type of Materials Used in Their Reading Programs**

What type of materials form the core of your reading program?	**Primarily Basal**		**Primarily Trade Books**		**Both Basal and Trade Books**		**Other**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	33 (2.6)	213 (2.2)	13 (2.3)	222 (4.4)	51 (3.6)	217 (1.4)	3 (1.1)	208 (6.3)!
Northeast	28 (6.5)	213 (5.5)!	19 (5.6)	235 (7.3)!	50 (8.6)	216 (4.0)	3 (2.4)	*** (***)
Southeast	45 (4.8)	213 (3.0)	7 (4.3)	216 (26.5)!	44 (6.7)	211 (2.6)!	5 (3.4)	*** (***)
Central	30 (5.0)	217 (4.9)	15 (4.9)	225 (2.9)!	52 (7.5)	221 (2.2)	2 (0.6)	*** (***)
West	28 (4.5)	209 (3.8)	13 (2.9)	204 (11.3)!	56 (4.7)	219 (2.7)	3 (1.8)	*** (***)
States								
Alabama	58 (3.6)	209 (2.4)	2 (1.0)	*** (***)	38 (3.5)	206 (2.5)	1 (0.7)	*** (***)
Arizona	28 (3.3)	211 (2.8)	13 (2.6)	211 (4.1)!	54 (3.0)	211 (1.6)	5 (1.3)	198 (6.8)!
Arkansas	63 (3.7)	211 (1.5)	0 (0.1)	*** (***)	35 (3.6)	211 (2.2)	2 (1.1)	*** (***)
California	11 (1.9)	196 (5.4)	15 (2.6)	208 (4.8)	66 (3.5)	202 (2.5)	7 (2.2)	203 (12.0)!
Colorado	11 (1.8)	215 (3.4)	37 (3.0)	218 (2.2)	45 (3.5)	216 (1.7)	8 (1.8)	219 (3.2)!
Connecticut	19 (3.2)	215 (4.4)	17 (3.3)	229 (3.0)	61 (4.0)	224 (2.0)	2 (1.0)	*** (***)
Delaware†	44 (0.9)	212 (0.8)	4 (0.3)	*** (***)	46 (0.9)	216 (1.3)	7 (0.4)	213 (2.8)
Florida	34 (3.4)	207 (1.8)	5 (1.5)	214 (3.9)!	54 (3.2)	208 (1.8)	7 (1.6)	217 (4.2)!
Georgia	29 (3.3)	210 (2.5)	7 (1.7)	217 (7.8)!	59 (3.5)	213 (2.3)	5 (1.3)	207 (8.4)!
Hawaii	38 (3.7)	203 (2.7)	11 (2.3)	192 (5.0)!	45 (4.1)	204 (2.5)	7 (2.0)	211 (5.2)!
Indiana	48 (3.8)	221 (1.7)	7 (1.4)	237 (3.7)!	44 (3.5)	219 (1.6)	1 (0.4)	*** (***)
Iowa	28 (3.5)	224 (1.9)	16 (3.2)	227 (2.7)!	55 (4.2)	227 (1.4)	1 (0.4)	*** (***)
Kentucky	38 (4.4)	212 (1.6)	15 (3.3)	212 (4.8)!	44 (4.2)	215 (1.9)	3 (0.9)	*** (***)
Louisiana	67 (3.8)	203 (1.6)	2 (0.9)	*** (***)	31 (3.3)	205 (2.4)	1 (0.5)	*** (***)
Maine†	11 (2.7)	224 (3.2)!	34 (4.5)	231 (1.8)	54 (4.4)	226 (1.6)	1 (0.3)	*** (***)
Maryland	23 (3.1)	196 (3.6)	25 (3.0)	222 (2.7)	48 (3.5)	212 (2.3)	3 (1.1)	220 (12.3)!
Massachusetts	33 (3.3)	221 (1.6)	16 (3.3)	232 (3.3)!	49 (3.7)	229 (1.9)	3 (1.1)	*** (***)
Minnesota	40 (3.7)	219 (2.3)	10 (2.9)	223 (5.1)!	50 (4.3)	222 (1.9)	0 (0.2)	*** (***)
Mississippi	51 (3.5)	203 (1.9)	1 (0.6)	*** (***)	46 (3.6)	197 (2.2)	1 (0.6)	*** (***)
Missouri	40 (3.9)	220 (2.1)	11 (2.7)	225 (3.5)!	43 (4.2)	220 (2.1)	6 (1.6)	215 (7.3)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	41 (4.1)	221 (2.0)	8 (2.3)	227 (3.3)!	49 (4.0)	221 (1.7)	2 (1.2)	*** (***)
New Hampshire†	13 (2.9)	230 (3.7)!	26 (3.8)	229 (2.4)	61 (4.4)	227 (1.6)	1 (0.4)	*** (***)
New Jersey†	48 (4.1)	218 (2.2)	8 (2.5)	236 (5.8)!	40 (4.6)	226 (3.1)	4 (1.3)	*** (***)
New Mexico	29 (3.5)	209 (2.9)	7 (1.7)	212 (3.3)!	57 (4.0)	211 (2.1)	7 (2.2)	210 (5.4)!
New York†	20 (2.8)	211 (2.7)	19 (3.5)	222 (2.8)	54 (3.9)	216 (2.3)	6 (1.7)	215 (6.1)!
North Carolina	25 (3.2)	209 (2.2)	11 (2.2)	222 (5.0)!	60 (3.3)	211 (1.6)	4 (1.1)	207 (6.5)!
North Dakota	62 (4.2)	224 (1.6)	1 (0.9)	*** (***)	36 (4.0)	228 (1.7)	1 (0.4)	*** (***)
Pennsylvania	52 (4.0)	218 (1.9)	5 (1.4)	225 (5.8)!	40 (4.0)	224 (2.5)	3 (0.9)	200 (8.3)!
Rhode Island	23 (3.1)	204 (5.0)	8 (2.4)	226 (5.2)!	67 (4.0)	221 (1.8)	2 (1.1)	*** (***)
South Carolina	43 (3.9)	210 (2.2)	5 (1.6)	216 (4.4)!	50 (3.5)	209 (2.1)	2 (0.9)	*** (***)
Tennessee	53 (3.0)	211 (2.0)	5 (1.8)	207 (8.0)!	40 (2.7)	213 (2.1)	1 (0.5)	*** (***)
Texas	29 (3.5)	208 (3.0)	9 (1.8)	219 (4.2)!	59 (3.5)	217 (2.1)	3 (0.8)	197 (9.1)!
Utah	32 (3.2)	217 (2.0)	8 (2.3)	223 (3.6)!	57 (3.8)	222 (1.5)	3 (1.1)	*** (***)
Virginia	34 (3.5)	217 (1.7)	13 (2.8)	234 (3.3)!	50 (3.5)	222 (2.1)	2 (0.8)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	73 (3.0)	215 (1.8)	1 (0.7)	*** (***)	25 (3.0)	216 (2.7)	1 (0.5)	*** (***)
Wisconsin	25 (3.9)	224 (2.3)	13 (2.5)	227 (3.0)!	61 (4.2)	223 (1.2)	1 (0.4)	*** (***)
Wyoming	26 (3.3)	222 (2.2)	12 (2.9)	224 (3.1)!	59 (3.8)	224 (1.5)	3 (1.3)	*** (***)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	44 (0.9)	183 (1.7)	5 (0.4)	*** (***)	48 (0.9)	182 (1.7)	4 (0.4)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 25 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Type of Materials Used in Their Reading Programs***

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

What type of materials form the core of your reading program?	Primarily Basal		Primarily Trade Books		Both Basal and Trade Books		Other	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	18 (2.4)	208 (2.4)	20 (2.8)	218 (2.9)	59 (3.0)	214 (1.7)	3 (0.7)	197 (6.1)!
Northeast	14 (2.9)	210 (5.1)!	20 (4.3)	227 (4.0)!	63 (4.4)	209 (2.4)	2 (1.2)	*** (***)
Southeast	31 (7.0)	202 (2.9)!	13 (5.9)	208 (10.7)!	52 (6.5)	213 (3.1)	3 (1.7)	*** (***)
Central	25 (5.5)	215 (3.9)!	15 (4.1)	227 (3.8)!	59 (6.0)	220 (4.4)	1 (0.5)	*** (***)
West	5 (1.7)	208 (5.5)!	29 (6.9)	212 (3.2)!	61 (6.2)	215 (2.9)	5 (1.7)	205 (7.6)!
States								
Alabama	45 (4.0)	208 (2.3)	6 (2.2)	212 (5.8)!	46 (3.9)	209 (2.1)	3 (1.0)	207 (10.2)!
Arizona	15 (2.6)	200 (3.9)	17 (3.1)	210 (4.2)	66 (3.4)	207 (2.4)	1 (0.4)	*** (***)
Arkansas	45 (3.9)	212 (2.5)	8 (2.4)	213 (3.3)!	45 (3.6)	205 (2.6)	2 (1.1)	*** (***)
California	3 (1.3)	*** (***)	37 (5.2)	200 (3.1)	52 (4.4)	199 (2.3)	8 (1.4)	180 (5.9)
Colorado	4 (1.4)	203 (5.9)!	43 (4.0)	214 (2.0)	49 (4.1)	214 (2.2)	4 (1.3)	217 (6.6)!
Connecticut	13 (2.9)	212 (4.7)!	28 (4.4)	230 (2.7)	55 (4.4)	223 (2.4)	4 (1.0)	204 (9.8)!
Delaware	21 (0.8)	195 (2.3)	17 (1.0)	213 (2.7)	57 (1.3)	210 (1.7)	6 (0.5)	202 (6.9)
Florida	26 (2.9)	203 (2.6)	12 (2.5)	209 (4.2)!	57 (2.8)	205 (2.4)	5 (0.9)	195 (4.5)!
Georgia	28 (3.4)	203 (2.5)	7 (1.8)	216 (5.6)!	61 (3.6)	209 (3.6)	4 (1.2)	206 (8.2)!
Hawaii	18 (2.5)	198 (4.2)	21 (2.4)	197 (3.1)	52 (3.3)	205 (2.3)	9 (2.1)	190 (5.9)!
Indiana	34 (3.9)	216 (2.4)	13 (2.9)	223 (3.4)!	52 (3.6)	223 (2.0)	1 (0.2)	*** (***)
Iowa	14 (3.0)	221 (3.0)!	23 (4.0)	228 (2.7)	62 (4.2)	223 (1.6)	1 (0.8)	*** (***)
Kentucky	7 (2.2)	213 (5.7)!	25 (3.5)	211 (3.4)	64 (3.6)	212 (2.0)	3 (1.1)	207 (7.5)!
Louisiana	52 (3.4)	199 (1.7)	3 (1.3)	*** (***)	44 (3.4)	195 (2.8)	0 (0.3)	*** (***)
Maine	7 (2.1)	224 (2.8)!	54 (4.6)	232 (1.5)	38 (4.1)	225 (2.4)	1 (0.6)	*** (***)
Maryland	18 (3.1)	193 (4.5)	36 (4.4)	223 (2.5)	40 (4.4)	207 (2.4)	7 (2.2)	203 (6.6)!
Massachusetts	15 (2.7)	218 (3.4)	17 (2.8)	230 (3.2)	64 (3.6)	224 (1.6)	3 (1.1)	213 (8.8)!
Minnesota	20 (3.4)	219 (2.2)	15 (3.4)	219 (3.7)!	63 (3.7)	218 (1.7)	1 (0.7)	*** (***)
Mississippi	45 (3.9)	206 (2.2)	3 (0.9)	208 (10.4)!	51 (3.7)	199 (2.6)	1 (0.6)	*** (***)
Missouri	31 (3.8)	211 (2.1)	11 (2.5)	225 (4.1)!	54 (3.8)	218 (2.2)	5 (1.2)	219 (5.4)!
Montana†	15 (2.6)	224 (2.8)	19 (3.0)	225 (2.8)	59 (3.8)	222 (1.7)	7 (2.3)	216 (4.1)!
Nebraska†	29 (3.8)	218 (2.8)	14 (3.2)	221 (4.1)!	57 (4.1)	221 (2.1)	0 (0.1)	*** (***)
New Hampshire†	13 (3.3)	226 (3.9)!	30 (4.2)	224 (2.7)	54 (4.0)	224 (1.8)	3 (2.0)	*** (***)
New Jersey	29 (3.6)	212 (2.7)	23 (4.2)	232 (2.8)	43 (3.6)	221 (2.1)	4 (1.5)	214 (6.3)!
New Mexico	16 (2.5)	202 (3.5)	18 (2.6)	203 (3.9)	63 (3.0)	207 (2.4)	3 (0.9)	193 (15.2)!
New York	12 (2.3)	205 (6.4)	29 (3.6)	217 (2.8)	55 (3.2)	212 (2.1)	3 (1.1)	204 (9.9)!
North Carolina	15 (2.7)	215 (3.4)	14 (2.5)	222 (5.1)	67 (3.4)	212 (1.7)	5 (1.5)	202 (5.6)!
North Dakota	35 (3.5)	226 (1.7)	4 (1.7)	223 (2.6)!	59 (3.5)	225 (1.7)	2 (0.9)	*** (***)
Pennsylvania†	32 (4.2)	214 (4.4)	15 (3.4)	213 (4.4)!	49 (4.5)	219 (2.0)	4 (1.6)	*** (***)
Rhode Island†	11 (2.2)	216 (5.3)!	22 (4.0)	219 (2.7)	66 (4.2)	221 (1.5)	1 (0.6)	*** (***)
South Carolina	20 (2.8)	199 (2.7)	15 (2.4)	209 (3.5)	63 (3.3)	205 (1.9)	2 (0.7)	*** (***)
Tennessee†	48 (4.3)	212 (2.5)	6 (2.8)	*** (***)	45 (4.3)	215 (2.4)	1 (0.6)	*** (***)
Texas	11 (1.8)	208 (5.6)	10 (2.4)	218 (5.1)!	76 (3.2)	213 (2.2)	3 (1.0)	226 (7.3)!
Utah	18 (2.4)	218 (2.6)	16 (2.5)	219 (2.7)	63 (2.6)	218 (1.7)	3 (0.7)	190 (13.1)!
Virginia	16 (3.3)	208 (4.1)!	27 (3.3)	217 (3.2)	56 (3.5)	214 (2.0)	2 (0.6)	*** (***)
Washington	13 (2.7)	202 (5.2)!	24 (3.4)	216 (2.0)	58 (3.6)	215 (1.6)	5 (1.4)	215 (6.3)!
West Virginia	45 (4.2)	212 (1.6)	4 (2.0)	210 (4.8)!	47 (4.0)	215 (1.9)	3 (0.8)	*** (***)
Wisconsin†	17 (3.2)	217 (3.3)	25 (3.9)	226 (2.0)	56 (4.0)	226 (1.6)	1 (0.3)	*** (***)
Wyoming	14 (2.8)	220 (3.8)!	20 (3.0)	221 (2.2)	62 (3.6)	222 (1.6)	4 (2.0)	210 (8.8)!
Other Jurisdictions								
DoDEA Overseas	29 (2.5)	217 (1.7)	4 (1.1)	211 (6.0)!	67 (2.4)	217 (0.9)	0 (0.1)	*** (***)
Guam	9 (0.4)	*** (***)	20 (0.6)	*** (***)	71 (0.7)	182 (1.5)	*** (***)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 26 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Availability of Resources**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How well are you provided with instructional materials and resources you need to teach?	**I Get All the Resources I Need**		**I Get Most of the Resources I Need**		**I Get Some or None of the Resources I Need**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	11 (1.7)	220 (3.1)	51 (2.9)	218 (1.7)	39 (3.5)	213 (1.6)
Northeast	9 (2.7)	228 (10.1)!	47 (6.0)	224 (5.1)	44 (7.3)	216 (4.8)
Southeast	11 (2.2)	211 (6.6)	45 (5.2)	213 (5.1)	44 (6.2)	211 (2.8)
Central	14 (5.0)	223 (3.9)!	58 (5.6)	220 (2.9)	28 (7.8)	217 (3.9)!
West	9 (2.3)	218 (6.7)!	51 (5.7)	214 (2.4)	40 (5.8)	210 (2.6)
States						
Alabama	9 (2.0)	211 (5.1)!	43 (3.3)	207 (2.8)	47 (3.2)	209 (1.9)
Arizona	9 (1.8)	213 (2.6)	44 (3.4)	211 (1.8)	47 (3.6)	208 (1.9)
Arkansas	10 (2.2)	214 (4.8)!	47 (3.8)	210 (2.3)	43 (3.8)	211 (1.7)
California	7 (1.5)	204 (4.9)!	47 (3.2)	208 (2.6)	46 (3.1)	195 (3.1)
Colorado	13 (2.1)	222 (2.3)	52 (2.9)	218 (1.8)	35 (3.2)	213 (1.5)
Connecticut	10 (1.9)	225 (4.2)	58 (3.3)	227 (1.6)	32 (3.2)	214 (3.0)
Delaware†	6 (0.4)	208 (3.1)	42 (0.8)	217 (1.3)	52 (0.8)	211 (1.2)
Florida	11 (1.9)	210 (3.1)	58 (3.3)	208 (1.5)	30 (3.3)	210 (2.6)
Georgia	10 (1.5)	215 (4.3)	56 (3.0)	213 (1.8)	33 (3.0)	210 (2.6)
Hawaii	5 (1.2)	196 (4.9)!	42 (3.0)	202 (2.5)	53 (3.1)	206 (2.0)
Indiana	9 (2.2)	227 (3.0)!	55 (3.4)	221 (1.2)	35 (3.6)	220 (2.1)
Iowa	13 (2.2)	224 (3.0)	63 (3.1)	226 (1.2)	24 (2.9)	225 (2.1)
Kentucky	10 (2.3)	212 (3.8)!	55 (3.7)	215 (1.8)	35 (3.7)	210 (2.1)
Louisiana	8 (1.9)	206 (5.1)!	40 (3.9)	208 (2.1)	53 (3.9)	201 (1.7)
Maine†	6 (1.9)	228 (4.0)!	51 (3.5)	228 (1.6)	42 (3.8)	226 (1.9)
Maryland	9 (2.1)	223 (3.8)!	48 (3.0)	212 (2.4)	44 (3.5)	209 (2.8)
Massachusetts	6 (1.7)	228 (6.2)!	49 (3.4)	229 (1.5)	46 (3.7)	224 (1.6)
Minnesota	10 (2.2)	223 (2.9)!	57 (3.5)	221 (1.5)	33 (3.4)	220 (2.5)
Mississippi	6 (1.8)	201 (4.7)!	40 (3.7)	204 (1.7)	53 (3.9)	195 (2.3)
Missouri	12 (2.0)	225 (3.3)	58 (3.3)	222 (1.5)	31 (3.6)	215 (2.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	16 (2.7)	223 (2.7)	64 (3.6)	221 (1.4)	19 (3.3)	221 (2.2)
New Hampshire†	6 (1.7)	232 (4.5)!	48 (3.8)	229 (1.8)	46 (3.8)	226 (1.5)
New Jersey†	15 (3.0)	227 (2.1)!	46 (3.6)	231 (1.8)	39 (3.3)	212 (2.5)
New Mexico	6 (1.7)	*** (***)	46 (3.5)	211 (1.9)	48 (3.6)	208 (2.5)
New York†	13 (2.4)	221 (3.5)	50 (3.3)	220 (2.0)	37 (3.1)	206 (3.5)
North Carolina	5 (1.2)	224 (4.6)!	45 (2.7)	214 (1.4)	51 (3.0)	209 (1.7)
North Dakota	5 (1.6)	226 (3.9)!	55 (3.8)	228 (1.6)	39 (3.8)	222 (2.0)
Pennsylvania	10 (1.9)	222 (3.5)	57 (3.6)	224 (1.7)	33 (3.5)	214 (2.4)
Rhode Island	2 (0.8)	*** (***)	41 (3.2)	220 (1.9)	57 (3.3)	214 (2.7)
South Carolina	9 (1.9)	211 (2.9)!	56 (3.6)	212 (2.0)	35 (3.4)	206 (2.4)
Tennessee	6 (1.8)	212 (7.9)!	44 (3.4)	215 (2.1)	51 (3.5)	209 (1.8)
Texas	16 (2.4)	217 (3.6)	52 (3.5)	214 (2.2)	32 (3.0)	209 (2.7)
Utah	7 (1.6)	223 (3.2)!	42 (3.5)	222 (1.5)	51 (3.6)	219 (1.6)
Virginia	9 (1.6)	227 (2.9)	55 (3.4)	224 (1.8)	36 (3.4)	215 (2.2)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	10 (1.9)	219 (4.4)	50 (2.9)	216 (1.9)	40 (2.8)	213 (1.8)
Wisconsin	12 (2.2)	222 (2.7)	60 (2.9)	224 (1.2)	28 (3.3)	222 (2.2)
Wyoming	15 (2.3)	226 (3.2)	67 (3.2)	223 (1.4)	18 (2.8)	225 (2.5)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	4 (0.4)	*** (***)	31 (0.7)	189 (1.9)	65 (0.8)	179 (1.7)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 26

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Availability of Resources**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How well are you provided with instructional materials and resources you need to teach?	**I Get All the Resources I Need**		**I Get Most of the Resources I Need**		**I Get Some or None of the Resources I Need**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	9 (1.7)	225 (3.7)	55 (2.7)	215 (1.6)	35 (2.7)	208 (1.8)
Northeast	10 (2.7)	221 (10.1)!	49 (6.1)	218 (2.7)	41 (6.9)	203 (4.7)
Southeast	10 (2.4)	227 (2.1)!	58 (5.1)	204 (3.1)	32 (5.3)	209 (3.3)
Central	8 (4.0)	227 (13.2)!	58 (6.3)	221 (2.8)	34 (6.0)	214 (3.8)
West	9 (3.3)	226 (4.7)!	55 (4.4)	215 (1.9)	36 (3.6)	208 (3.8)
States						
Alabama	10 (2.0)	213 (4.7)!	56 (3.0)>	209 (2.1)	35 (3.0)<	206 (1.9)
Arizona	11 (1.8)	212 (4.8)	52 (3.0)	208 (2.5)	37 (3.2)	203 (2.7)
Arkansas	18 (3.2)	205 (3.6)	49 (3.9)	211 (2.3)	32 (3.9)	208 (2.7)
California	8 (2.1)	207 (5.0)!	51 (3.9)	200 (2.6)<	42 (4.2)	193 (3.2)
Colorado	13 (2.8)	220 (3.2)!	57 (3.8)	214 (1.8)	29 (3.0)	212 (2.3)
Connecticut	10 (1.9)	225 (4.8)	53 (3.4)	228 (1.9)	37 (3.5)	213 (3.9)
Delaware	6 (0.4)	207 (4.0)	52 (1.0)>>	204 (1.7)<<	43 (0.9)<<	210 (1.5)
Florida	12 (1.6)	202 (4.6)	55 (2.4)	205 (2.1)	33 (2.7)	205 (2.6)
Georgia	19 (2.5)>	216 (4.6)	58 (2.8)	207 (3.1)	24 (2.7)<	204 (3.1)
Hawaii	4 (0.8)	199 (7.6)	43 (3.0)	205 (2.3)	53 (3.0)	198 (2.1)<
Indiana	20 (3.4)>	222 (3.6)	57 (3.7)	222 (1.8)	23 (3.0)<	212 (2.5)<
Iowa	13 (2.7)	221 (2.6)!	57 (3.3)	225 (1.9)	30 (3.7)	221 (2.5)
Kentucky	15 (2.8)	212 (3.4)	61 (3.5)	212 (1.9)	24 (3.3)	210 (3.2)
Louisiana	12 (2.6)	202 (6.9)!	49 (3.4)	201 (2.5)	39 (3.2)<	192 (2.0)<<
Maine	7 (1.6)	228 (3.1)!	55 (3.6)	229 (1.6)	37 (3.5)	228 (1.9)
Maryland	7 (1.6)	211 (6.8)!	56 (3.3)	209 (2.2)	37 (3.3)	211 (2.7)
Massachusetts	11 (1.9)	228 (3.1)	47 (3.3)	226 (2.0)	42 (3.3)	220 (2.3)
Minnesota	8 (1.8)	215 (4.1)!	62 (3.4)	220 (1.6)	30 (3.4)	217 (2.2)
Mississippi	15 (2.8)>	205 (4.8)	51 (3.6)	206 (2.3)	34 (3.1)<<	195 (2.7)
Missouri	21 (2.8)>	211 (3.9)<	50 (2.9)	219 (1.9)	30 (2.9)	217 (2.8)
Montana†	11 (2.5)	228 (3.7)!	59 (3.7)	221 (1.4)	31 (3.2)	223 (2.6)
Nebraska†	23 (3.3)	223 (3.0)	62 (4.0)	220 (1.7)	15 (2.8)	213 (3.5)
New Hampshire†	7 (1.6)	225 (3.7)!	47 (4.6)	228 (1.6)	46 (4.8)	219 (2.2)<
New Jersey	19 (2.9)	226 (3.1)	53 (3.8)	225 (2.0)<	28 (3.0)<	209 (3.5)
New Mexico	5 (1.4)	208 (8.7)!	44 (3.0)	206 (2.1)	51 (3.4)	204 (2.6)
New York	12 (2.0)	217 (4.2)	50 (3.2)	216 (1.7)	38 (2.9)	205 (2.7)
North Carolina	11 (2.5)	219 (4.6)!	50 (3.0)	214 (1.8)	39 (3.4)<	211 (2.0)
North Dakota	7 (2.2)	230 (3.5)!	53 (3.7)	226 (1.4)	41 (3.4)	224 (2.0)
Pennsylvania†	15 (3.0)	222 (4.6)!	54 (3.4)	221 (1.8)	30 (3.2)	204 (3.6)<
Rhode Island†	3 (1.3)	*** (***)	35 (4.0)	221 (2.2)	62 (3.9)	219 (1.7)
South Carolina	17 (2.9)	207 (4.1)	57 (3.1)	206 (1.8)<	26 (3.0)	197 (2.5)<
Tennessee†	12 (3.0)	223 (3.7)!	49 (4.4)	211 (2.3)	39 (5.1)	212 (2.8)
Texas	18 (2.3)	222 (3.8)	58 (2.4)	213 (2.2)	24 (2.5)	206 (3.2)
Utah	8 (1.8)	218 (4.9)!	52 (3.6)	219 (1.7)	40 (3.7)	215 (2.2)
Virginia	16 (2.0)>	216 (3.8)	57 (2.8)	215 (2.2)<	27 (2.8)	209 (2.6)
Washington	8 (1.6)	212 (4.1)!	55 (3.0)	214 (1.8)	38 (2.9)	213 (2.0)
West Virginia	10 (2.1)	210 (3.3)!	59 (3.2)	215 (1.4)	31 (3.2)	210 (2.1)
Wisconsin†	12 (2.3)	225 (2.4)	61 (3.6)	224 (1.6)	27 (3.6)	224 (2.0)
Wyoming	22 (2.6)	218 (1.9)	61 (3.4)	221 (1.6)	17 (2.4)	224 (2.6)
Other Jurisdictions						
DoDEA Overseas	20 (1.6)	215 (2.0)	61 (2.4)	217 (1.1)	20 (2.1)	219 (1.6)
Guam	5 (0.5)	*** (***)	33 (0.7)	184 (1.7)	62 (0.8)	178 (1.7)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

Chapter 4: Instructional Approaches and Strategies

Overview

Considerable debate exists in the field of reading over the most effective and productive method for reading instruction.[6] This ongoing discussion about the best method to teach reading, highlights the importance of instruction in the development of reading abilities. As teachers guide the reading development of their students, they may engage students in a variety of activities as part of direct instruction or as a follow-up to instruction. These activities include such exercises as writing in response to a reading experience, use of worksheets, or simply reading a book the student has selected. The quality of these activities and the manner in which they are incorporated into classroom instruction can have significant impact on the reading achievement of students.

NAEP collected information about instructional approaches and strategies used in the classroom by surveying fourth-grade students and their teachers about the specific activities employed as part of their ongoing reading instruction. Instructional emphasis and strategies, amount of library use, the use of additional resources to teach reading, and the method used to assess reading in the classroom are among the topics summarized in this chapter.

As with all NAEP results, the unit of analysis is the student. Therefore, school and teacher background question results are reported in terms of the students who attend schools with certain characteristics or students whose teachers report particular instructional practice.

---

[6] F. Smith. "Learning to Read: The Never-Ending Debate," *Phi Delta Kappan*, (February 1992): 432-435,438-441.

TABLE 27 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency of Instructional Use of Reading Workbooks or Worksheets**

How often do you ask students to work in a reading workbook or on a worksheet?	**Almost Every Day**		**Once or Twice a Week**		**Less Than Weekly**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	31 (2.7)	213 (1.8)	48 (3.4)	216 (1.7)	22 (2.8)	221 (3.3)
Northeast	35 (5.6)	215 (3.0)	43 (5.1)	218 (4.3)	22 (7.0)	227 (8.2)!
Southeast	34 (5.1)	212 (3.2)	49 (5.4)	212 (2.5)	17 (6.0)	214 (14.3)!
Central	27 (6.3)	217 (3.6)!	49 (9.3)	219 (3.7)!	25 (5.2)	224 (3.1)
West	28 (4.1)	205 (4.2)	50 (4.0)	216 (3.5)	22 (4.1)	216 (6.7)!
States						
Alabama	37 (3.6)	206 (2.8)	58 (3.4)	208 (2.0)	5 (1.5)	208 (7.7)!
Arizona	22 (2.5)	208 (3.1)	56 (2.9)	210 (1.6)	22 (2.9)	210 (2.8)
Arkansas	45 (3.8)	210 (1.7)	53 (3.7)	211 (1.9)	2 (0.9)	*** (***)
California	14 (2.1)	200 (4.7)	48 (3.4)	206 (3.0)	38 (3.6)	200 (3.2)
Colorado	10 (2.1)	218 (3.0)!	42 (3.6)	216 (2.0)	48 (3.6)	218 (1.8)
Connecticut	30 (3.5)	218 (3.4)	47 (3.3)	224 (2.2)	23 (3.4)	228 (2.5)
Delaware†	37 (0.9)	211 (0.8)	51 (1.2)	216 (1.0)	12 (0.8)	211 (3.5)
Florida	35 (3.4)	206 (2.2)	47 (3.6)	210 (1.7)	18 (3.5)	210 (4.3)!
Georgia	37 (3.7)	210 (2.8)	55 (3.5)	212 (2.0)	9 (1.7)	215 (6.1)
Hawaii	26 (3.0)	202 (3.6)	49 (3.0)	205 (2.3)	25 (3.2)	200 (3.2)
Indiana	42 (4.2)	221 (2.0)	52 (4.0)	221 (1.7)	6 (1.6)	226 (4.7)!
Iowa	27 (3.3)	224 (1.6)	47 (3.4)	225 (1.5)	27 (3.3)	227 (2.2)
Kentucky	24 (2.9)	211 (2.1)	58 (3.8)	212 (1.6)	18 (3.3)	214 (3.2)
Louisiana	49 (4.0)	205 (1.7)	50 (3.7)	203 (2.2)	1 (0.6)	*** (***)
Maine†	10 (2.1)	224 (3.6)!	56 (4.4)	226 (1.7)	35 (4.3)	230 (1.9)
Maryland	24 (2.9)	205 (3.2)	43 (3.1)	207 (3.0)	34 (3.4)	220 (2.0)
Massachusetts	38 (4.3)	222 (1.8)	44 (4.6)	228 (1.8)	18 (3.4)	231 (3.1)
Minnesota	27 (3.7)	219 (2.5)	57 (4.2)	220 (1.9)	16 (2.8)	224 (3.8)
Mississippi	37 (4.0)	201 (2.3)	59 (4.0)	199 (2.1)	4 (1.2)	193 (6.5)!
Missouri	37 (4.2)	216 (2.5)	45 (3.8)	223 (1.7)	17 (3.1)	224 (3.7)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	33 (3.7)	221 (2.0)	51 (4.0)	222 (1.9)	16 (2.6)	220 (2.8)
New Hampshire†	22 (3.1)	230 (2.2)	47 (3.6)	227 (1.7)	31 (3.8)	228 (1.6)
New Jersey†	51 (3.5)	218 (1.6)	38 (3.7)	225 (2.8)	11 (2.8)	245 (2.8)!
New Mexico	22 (3.3)	210 (2.3)	61 (3.8)	212 (2.7)	17 (3.0)	207 (3.1)
New York†	38 (4.0)	206 (3.6)	42 (3.7)	224 (1.5)	20 (3.7)	213 (3.6)
North Carolina	14 (2.4)	211 (3.5)	62 (3.3)	210 (1.6)	24 (3.0)	215 (2.4)
North Dakota	50 (4.2)	226 (1.5)	44 (4.2)	225 (1.9)	6 (1.6)	225 (2.7)!
Pennsylvania	36 (3.6)	218 (2.2)	53 (3.6)	221 (1.9)	11 (2.4)	224 (3.9)!
Rhode Island	35 (3.2)	213 (3.3)	52 (3.6)	221 (1.9)	13 (2.6)	213 (3.4)
South Carolina	37 (3.5)	208 (2.4)	48 (3.3)	211 (2.1)	14 (2.9)	210 (3.3)!
Tennessee	44 (3.9)	210 (2.5)	47 (3.6)	214 (2.2)	9 (2.2)	209 (3.9)!
Texas	24 (3.8)	209 (3.1)	60 (4.0)	216 (2.2)	16 (2.6)	214 (3.4)
Utah	29 (3.3)	219 (2.2)	51 (4.0)	220 (1.2)	20 (3.2)	221 (3.1)
Virginia	21 (2.6)	217 (3.2)	49 (3.4)	220 (1.7)	30 (3.3)	227 (2.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	39 (3.7)	215 (2.6)	55 (4.2)	215 (1.8)	6 (1.8)	216 (3.7)!
Wisconsin	27 (3.7)	223 (2.0)	50 (4.2)	225 (1.4)	24 (3.5)	222 (2.8)
Wyoming	28 (3.4)	221 (2.2)	57 (3.8)	224 (1.6)	15 (2.4)	225 (2.3)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	41 (1.0)	180 (1.7)	50 (1.1)	185 (2.0)	9 (0.5)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 27

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Frequency of Instructional Use of Reading Workbooks or Worksheets***

How often do you ask students to work in a reading workbook or on a worksheet?	**Almost Every Day**		**Once or Twice a Week**		**Less Than Weekly**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	26 (2.6)	207 (2.5)	48 (2.5)	214 (1.4)	26 (2.9)	217 (1.9)
Northeast	24 (6.0)	196 (4.7)!	43 (2.9)	210 (2.8)	34 (5.5)	227 (3.7)
Southeast	27 (5.0)	204 (4.3)!	54 (4.1)	209 (2.2)	19 (4.5)	213 (5.5)!
Central	33 (5.8)	217 (4.5)!	48 (6.8)	220 (3.3)	19 (6.0)	220 (3.5)!
West	20 (4.4)	207 (5.5)!	47 (5.2)	219 (2.4)	32 (6.0)	211 (2.9)
States						
Alabama	39 (3.4)	202 (2.4)	54 (3.5)	212 (1.9)	7 (2.0)	212 (6.9)!
Arizona	17 (2.3)	202 (3.7)	56 (3.2)	209 (1.9)	28 (3.6)	205 (3.6)
Arkansas	35 (3.9)	210 (3.0)	55 (3.6)	208 (2.2)	10 (2.3)	209 (4.6)!
California	9 (1.7)	199 (5.2)	39 (3.9)	199 (2.6)	52 (4.3)	197 (3.0)
Colorado	9 (1.6)	203 (4.7)	39 (3.5)	213 (2.0)	52 (3.4)	217 (2.0)
Connecticut	28 (3.2)	215 (3.9)	43 (3.3)	221 (2.2)	29 (3.5)	233 (2.3)
Delaware	20 (0.9)	195 (2.1)	50 (1.2)	209 (1.6)	30 (1.1)	210 (2.1)
Florida	26 (2.6)	205 (3.1)	54 (2.8)	203 (2.4)	20 (2.9)	207 (2.6)
Georgia	28 (3.3)	199 (5.8)	53 (3.1)	210 (2.5)	19 (3.2)	216 (4.3)
Hawaii	17 (1.9)	197 (3.8)	52 (2.9)	202 (2.6)	31 (2.4)	201 (2.2)
Indiana	32 (3.6)	220 (2.2)	56 (3.1)	220 (1.8)	12 (2.1)	219 (3.9)
Iowa	18 (3.3)	219 (3.2)	51 (3.6)	224 (1.9)	31 (4.1)	224 (2.7)
Kentucky	8 (2.4)	218 (5.1)!	47 (3.3)	210 (2.7)	44 (4.0)	211 (2.1)
Louisiana	36 (3.4)	195 (2.9)	59 (3.3)	198 (1.9)	5 (1.3)	203 (5.6)!
Maine	11 (2.2)	224 (2.3)	35 (3.2)	226 (2.1)	54 (3.7)	231 (1.7)
Maryland	14 (2.6)	203 (4.4)	48 (3.9)	205 (2.3)	37 (3.5)	219 (2.8)
Massachusetts	34 (3.3)	221 (2.8)	48 (4.0)	224 (1.6)	18 (3.1)	227 (3.3)
Minnesota	17 (2.8)	217 (2.1)	52 (3.4)	218 (1.7)	32 (3.3)	221 (2.3)
Mississippi	41 (3.1)	202 (2.8)	51 (3.2)	201 (2.3)	8 (2.4)	206 (4.9)!
Missouri	32 (3.4)	214 (2.9)	52 (3.6)	217 (2.0)	16 (2.9)	223 (3.9)
Montana†	25 (3.0)	220 (2.3)	50 (3.1)	222 (1.7)	25 (3.0)	226 (2.6)
Nebraska†	26 (3.4)	222 (2.8)	54 (3.8)	217 (2.0)	20 (3.4)	224 (2.9)
New Hampshire†	18 (3.0)	224 (2.9)	50 (3.9)	224 (2.1)	32 (4.1)	222 (2.4)
New Jersey	37 (4.3)	213 (3.2)	41 (3.7)	220 (2.2)	22 (3.9)	232 (2.9)
New Mexico	20 (2.3)	205 (3.1)	51 (2.8)	207 (2.1)	29 (2.9)	201 (3.3)
New York	29 (3.0)	204 (3.3)	50 (2.8)	214 (1.7)	21 (3.0)	218 (4.4)
North Carolina	14 (2.5)	214 (3.9)	50 (2.8)	214 (1.9)	36 (3.3)	214 (2.5)
North Dakota	48 (3.7)	224 (1.9)	44 (3.5)	227 (1.6)	8 (1.6)	222 (3.8)
Pennsylvania†	34 (4.5)	212 (4.3)	55 (4.6)	217 (2.2)	11 (2.6)	219 (4.4)!
Rhode Island†	20 (2.3)	221 (3.9)	56 (3.7)	220 (1.6)	25 (3.3)	218 (2.6)
South Carolina	25 (2.9)	203 (3.1)	57 (3.3)	204 (1.8)	18 (2.3)	204 (4.1)
Tennessee†	43 (3.8)	215 (2.5)	48 (3.7)	210 (2.3)	9 (2.4)	221 (7.8)!
Texas	13 (2.4)	207 (3.2)	58 (3.4)	213 (2.6)	29 (3.0)	215 (3.5)
Utah	20 (2.4)	217 (2.7)	54 (3.2)	216 (1.9)	26 (3.0)	221 (2.4)
Virginia	11 (1.7)	206 (3.4)	43 (3.3)	213 (2.1)	46 (3.7)	215 (2.1)
Washington	17 (2.5)	212 (3.4)	48 (3.0)	212 (2.1)	35 (2.8)	216 (1.7)
West Virginia	29 (3.8)	212 (2.1)	64 (4.1)	214 (1.5)	7 (1.9)	210 (5.5)!
Wisconsin†	19 (3.6)	223 (2.0)	45 (3.6)	224 (2.0)	36 (3.8)	225 (1.9)
Wyoming	20 (2.8)	220 (2.7)	51 (3.5)	222 (1.7)	29 (3.7)	220 (2.0)
Other Jurisdictions						
DoDEA Overseas	21 (2.2)	214 (1.6)	61 (3.1)	218 (1.1)	18 (2.7)	220 (2.2)
Guam	23 (0.8)	*** (***)	55 (0.9)	180 (1.9)	22 (0.8)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 28

1992 READING ASSESSMENT

POPULATION: 1992 Grade 4 Public School Students

REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency

STUDENTS' REPORTS ON: Frequency Teacher Assigns Work in Reading Workbooks or Worksheets

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often does your teacher ask you to work in a reading workbook or on a worksheet?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	50 (1.6)	217 (1.1)	29 (1.0)	218 (1.7)	21 (1.1)	210 (1.7)
Northeast	48 (3.8)	221 (3.6)	30 (2.2)	221 (6.7)	21 (2.4)	220 (3.9)
Southeast	56 (3.5)	212 (2.3)	26 (2.6)	215 (2.8)	18 (2.0)	202 (7.5)
Central	51 (3.5)	219 (2.1)	27 (1.3)	222 (1.9)	22 (2.9)	214 (1.6)
West	45 (1.9)	215 (1.8)	31 (1.7)	214 (3.0)	24 (1.1)	207 (2.5)
States						
Alabama	60 (1.4)	211 (1.6)	25 (1.3)	209 (2.4)	15 (1.0)	194 (3.1)
Arizona	48 (1.7)	213 (1.6)	28 (1.2)	211 (1.5)	24 (1.2)	201 (2.3)
Arkansas	65 (1.5)	215 (1.5)	21 (1.1)	209 (2.2)	14 (0.9)	198 (2.6)
California	42 (1.3)	206 (1.9)	32 (1.3)	207 (2.8)	25 (1.2)	196 (3.0)
Colorado	43 (1.4)	218 (1.4)	29 (1.1)	218 (1.6)	28 (1.3)	214 (1.7)
Connecticut	52 (1.9)	223 (1.6)	27 (1.2)	222 (2.1)	21 (1.5)	219 (2.3)
Delaware†	56 (1.1)	215 (0.9)	26 (1.0)	218 (1.7)	18 (0.8)	201 (2.9)
Florida	53 (1.7)	211 (1.4)	27 (1.0)	212 (2.0)	21 (1.4)	201 (2.2)
Georgia	59 (1.4)	215 (1.4)	24 (0.9)	214 (2.1)	17 (0.9)	203 (2.9)
Hawaii	44 (1.5)	207 (1.7)	32 (1.1)	203 (2.5)	24 (1.2)	201 (2.2)
Indiana	62 (1.6)	223 (1.2)	25 (1.2)	223 (1.5)	13 (0.9)	213 (3.0)
Iowa	54 (1.9)	227 (1.0)	27 (1.4)	228 (1.8)	19 (1.3)	218 (2.2)
Kentucky	53 (1.5)	215 (1.5)	26 (1.0)	217 (1.8)	21 (1.2)	204 (1.8)
Louisiana	63 (1.4)	207 (1.4)	23 (1.2)	203 (1.6)	14 (0.7)	191 (2.2)
Maine†	38 (1.7)	227 (1.5)	32 (1.5)	227 (1.3)	30 (1.7)	226 (1.6)
Maryland	46 (1.5)	213 (1.9)	29 (0.9)	213 (1.7)	26 (1.3)	208 (2.2)
Massachusetts	55 (1.8)	227 (1.0)	27 (1.3)	230 (1.4)	18 (1.3)	220 (2.1)
Minnesota	57 (2.0)	223 (1.2)	25 (1.4)	221 (1.9)	18 (1.3)	218 (2.8)
Mississippi	58 (1.4)	204 (1.3)	27 (1.1)	198 (2.2)	15 (1.0)	184 (2.9)
Missouri	60 (1.9)	223 (1.3)	23 (1.3)	221 (1.8)	16 (1.1)	209 (2.5)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	59 (1.8)	224 (1.2)	25 (1.3)	225 (1.5)	16 (1.2)	208 (2.5)
New Hampshire†	46 (2.2)	232 (1.4)	32 (1.5)	226 (1.7)	22 (1.4)	223 (1.9)
New Jersey†	60 (1.7)	226 (1.5)	25 (1.3)	223 (2.6)	15 (1.2)	214 (3.6)
New Mexico	52 (1.6)	214 (1.6)	28 (1.2)	211 (2.2)	21 (1.2)	206 (2.5)
New York†	51 (1.7)	218 (1.6)	30 (1.0)	215 (2.0)	19 (1.4)	207 (2.3)
North Carolina	49 (1.4)	212 (1.2)	30 (1.0)	216 (2.1)	21 (1.0)	206 (2.2)
North Dakota	66 (1.6)	230 (1.1)	22 (1.1)	223 (2.3)	13 (0.9)	212 (2.6)
Pennsylvania	60 (1.6)	224 (1.5)	26 (1.4)	221 (1.9)	14 (1.1)	211 (2.4)
Rhode Island	51 (1.6)	219 (1.8)	29 (1.2)	218 (1.8)	21 (1.2)	211 (3.2)
South Carolina	58 (2.0)	213 (1.5)	25 (1.4)	208 (2.3)	17 (1.2)	204 (2.7)
Tennessee	61 (1.5)	216 (1.5)	25 (1.2)	214 (2.3)	14 (1.0)	196 (2.3)
Texas	53 (1.2)	214 (1.8)	28 (1.0)	218 (2.0)	19 (1.0)	203 (2.4)
Utah	49 (1.5)	223 (1.2)	28 (1.1)	222 (1.4)	23 (1.2)	214 (2.0)
Virginia	49 (1.8)	221 (1.6)	28 (1.3)	221 (1.8)	23 (1.4)	221 (2.4)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	64 (1.5)	220 (1.4)	23 (1.1)	216 (2.0)	12 (0.8)	196 (2.5)
Wisconsin	55 (2.2)	226 (1.0)	28 (1.4)	223 (1.4)	18 (1.2)	218 (2.3)
Wyoming	57 (1.6)	226 (1.3)	26 (0.9)	224 (1.4)	18 (1.2)	216 (2.3)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	46 (1.1)	191 (1.6)	28 (1.1)	183 (2.2)	26 (0.9)	169 (2.1)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*)

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 28

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **Frequency Teacher Assigns Work in Reading Workbooks or Worksheets**

THE NATION'S REPORT CARD
naep
1992
1994
Reading Assessment

How often does your teacher ask you to work in a reading workbook or on a worksheet?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	51 (1.3)	218 (1.2)	25 (0.9)<	215 (1.4)	24 (1.0)	203 (1.9)<
Northeast	48 (1.9)	217 (2.3)	25 (1.5)	215 (3.5)	27 (1.9)	206 (4.2)<
Southeast	51 (2.4)	213 (2.4)	25 (2.0)	211 (3.6)	24 (1.9)	195 (3.4)
Central	57 (3.6)	224 (2.7)	24 (2.5)	219 (3.1)	19 (2.4)	206 (3.7)
West	46 (1.9)	219 (2.7)	26 (1.1)<	214 (2.5)	28 (1.7)	205 (2.9)
States						
Alabama	56 (1.7)	211 (1.6)	27 (1.3)	210 (2.3)	16 (1.3)	197 (3.6)
Arizona	47 (1.4)	211 (2.2)	29 (1.2)	207 (2.1)	23 (1.2)	200 (2.6)
Arkansas	59 (1.6)<	214 (1.8)	23 (1.1)	206 (2.7)	18 (1.0)>	197 (2.4)
California	41 (1.7)	202 (2.1)	30 (1.1)	201 (2.2)	28 (1.4)	192 (3.0)
Colorado	42 (1.1)	216 (1.7)	30 (1.0)	214 (2.1)	28 (1.2)	214 (1.9)
Connecticut	51 (1.5)	226 (1.6)	28 (1.0)	224 (2.3)	20 (1.2)	215 (2.7)
Delaware	47 (1.0)<<	209 (1.5)<	27 (0.9)	211 (2.4)<	26 (1.0)>>	202 (2.5)
Florida	49 (1.5)	207 (1.9)	30 (1.0)	209 (2.3)	21 (1.0)	199 (3.0)
Georgia	53 (1.6)<	210 (2.6)	27 (1.1)	208 (2.7)	21 (1.2)>	201 (3.7)
Hawaii	42 (1.1)	204 (2.1)	32 (1.1)	203 (2.0)	26 (0.9)	198 (2.6)
Indiana	57 (1.7)	223 (1.3)	26 (1.2)	218 (2.1)	17 (1.3)>	214 (2.9)
Iowa	53 (1.6)	227 (1.4)	26 (1.1)	223 (2.1)	21 (1.2)	214 (2.2)
Kentucky	47 (1.4)<	215 (1.9)	27 (0.9)	215 (2.0)	25 (1.1)>	204 (1.9)
Louisiana	57 (1.4)<	200 (1.6)<	25 (1.2)	200 (2.2)	18 (0.8)>	185 (2.4)
Maine	39 (1.7)	228 (1.5)	29 (1.0)	231 (1.8)	31 (1.5)	228 (1.9)
Maryland	50 (1.3)	211 (1.9)	28 (1.1)	216 (2.2)	22 (1.0)	209 (2.6)
Massachusetts	55 (1.5)	226 (1.6)	27 (1.0)	224 (2.1)	18 (1.0)	218 (2.6)
Minnesota	47 (1.9)<<	220 (1.4)	29 (1.3)	223 (2.3)	24 (1.4)>	213 (2.0)
Mississippi	61 (1.6)	205 (1.6)	23 (1.2)<	202 (2.3)	16 (1.0)	190 (3.4)
Missouri	58 (1.6)	221 (1.6)	23 (1.0)	216 (2.1)	20 (1.3)	210 (3.0)
Montana†	51 (1.6)	225 (1.6)	25 (1.2)	227 (1.9)	24 (1.2)	215 (2.2)
Nebraska†	50 (2.0)	224 (1.7)	25 (1.4)	223 (2.2)	19 (1.2)>	207 (2.7)
New Hampshire†	48 (1.8)	227 (2.0)	28 (0.9)	223 (2.2)	25 (1.3)	220 (1.9)
New Jersey	58 (1.5)	222 (1.4)	26 (0.9)	221 (1.8)	16 (1.0)	209 (2.6)
New Mexico	46 (1.7)	206 (1.9)<	26 (1.0)	208 (2.2)	27 (1.3)>>	201 (2.6)
New York	53 (1.3)	213 (1.8)	28 (1.0)	215 (2.1)	19 (0.9)	208 (2.6)
North Carolina	44 (1.1)<	214 (1.5)	33 (1.1)>	219 (2.0)	22 (0.9)	211 (2.8)
North Dakota	64 (1.5)	229 (1.2)	22 (0.9)	224 (1.8)	14 (1.1)	213 (2.8)
Pennsylvania†	58 (1.6)	220 (1.8)	25 (1.1)	216 (2.4)	17 (0.9)	206 (2.5)
Rhode Island†	49 (1.7)	224 (1.6)	29 (1.1)	220 (1.8)	23 (1.4)	214 (2.1)
South Carolina	50 (1.4)<	205 (1.9)<	29 (1.1)>	205 (2.1)	21 (1.0)	203 (2.7)
Tennessee†	61 (1.8)	216 (1.8)	23 (1.3)	212 (2.7)	16 (0.9)	203 (3.1)
Texas	50 (1.5)	214 (2.1)	27 (1.0)	215 (2.1)	23 (1.2)>	209 (2.4)
Utah	47 (1.2)	222 (1.5)	29 (1.0)	219 (1.7)	24 (1.0)	210 (2.2)
Virginia	42 (1.3)<	212 (1.6)<<	32 (1.1)	217 (1.9)	26 (1.1)	215 (2.3)
Washington	43 (1.6)	215 (1.7)	28 (1.0)	214 (2.1)	28 (1.3)	212 (2.2)
West Virginia	61 (1.4)	217 (1.5)	25 (1.2)	213 (2.2)	15 (0.8)	199 (2.7)
Wisconsin†	50 (1.9)	226 (1.5)	26 (1.0)	226 (1.6)	24 (1.6)>	221 (1.6)
Wyoming	54 (1.6)	224 (1.5)	25 (1.0)	221 (2.0)	21 (1.3)	216 (1.9)
Other Jurisdictions						
DoDEA Overseas	53 (1.3)	219 (1.2)	26 (1.1)	221 (1.6)	21 (1.0)	210 (1.6)
Guam	48 (1.1)	190 (1.4)	27 (0.9)	180 (2.0)	25 (0.8)	170 (3.0)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 29

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Frequency They Ask Students To Write About Their Reading**

How often do you ask students to write about something they read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	25 (1.8)	220 (2.7)	49 (2.6)	216 (1.9)	26 (2.5)	213 (2.4)
Northeast	35 (5.5)	225 (6.4)	47 (4.6)	219 (6.0)	17 (3.0)	208 (4.7)
Southeast	16 (3.1)	214 (7.1)	49 (5.8)	212 (3.4)	35 (6.0)	211 (3.2)
Central	21 (3.5)	222 (2.7)	54 (5.7)	220 (2.5)	25 (5.7)	219 (4.0)!
West	29 (2.8)	215 (5.1)	45 (4.0)	212 (3.4)	26 (3.8)	213 (4.3)
States						
Alabama	11 (2.6)	206 (4.5)!	60 (3.4)	207 (2.2)	29 (3.5)	210 (3.4)
Arizona	26 (3.1)	209 (2.7)	55 (3.1)	210 (1.6)	19 (2.5)	210 (3.4)
Arkansas	6 (1.7)	219 (4.0)!	54 (3.3)	210 (1.7)	40 (3.5)	210 (2.1)
California	37 (3.3)	207 (3.7)	56 (3.1)	200 (2.8)	7 (1.5)	200 (5.1)!
Colorado	39 (2.9)	218 (1.8)	51 (2.9)	217 (1.5)	9 (1.9)	213 (4.4)!
Connecticut	37 (3.2)	232 (1.5)	51 (2.9)	220 (2.0)	12 (1.9)	209 (4.3)
Delaware†	25 (1.0)	217 (2.1)	49 (1.1)	215 (0.9)	26 (1.1)	207 (1.2)
Florida	26 (3.2)	207 (2.4)	59 (3.0)	209 (1.7)	16 (2.0)	208 (3.1)
Georgia	29 (3.4)	214 (3.0)	60 (2.8)	211 (1.8)	12 (2.3)	210 (5.2)
Hawaii	25 (2.7)	206 (3.2)	56 (3.4)	201 (2.3)	19 (2.3)	203 (2.7)
Indiana	13 (2.5)	228 (3.4)	52 (3.3)	219 (1.6)	35 (3.4)	223 (1.9)
Iowa	20 (2.9)	225 (2.7)	61 (3.2)	227 (1.2)	19 (2.8)	222 (1.8)
Kentucky	18 (2.5)	210 (3.3)	54 (3.6)	214 (1.8)	28 (3.3)	211 (2.6)
Louisiana	9 (1.5)	204 (3.9)	62 (3.5)	203 (1.8)	29 (3.5)	206 (2.1)
Maine†	29 (3.0)	226 (2.4)	55 (3.3)	226 (1.7)	16 (3.1)	231 (2.2)
Maryland	51 (3.4)	214 (2.5)	44 (3.4)	209 ([illegible])	5 (1.3)	206 (5.3)!
Massachusetts	29 (2.8)	230 (2.6)	52 (2.9)	226 (1.2)	19 (2.2)	223 (2.3)
Minnesota	21 (2.7)	224 (2.4)	54 (3.4)	220 (1.9)	25 (3.4)	218 (2.4)
Mississippi	16 (2.6)	200 (4.0)	57 (3.6)	198 (2.0)	27 (3.0)	201 (2.2)
Missouri	24 (3.2)	221 (3.8)	50 (3.4)	219 (1.8)	26 (3.0)	222 (2.1)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	24 (3.0)	221 (2.1)	60 (3.2)	220 (1.5)	16 (2.5)	226 (3.2)
New Hampshire†	29 (2.7)	226 (1.9)	59 (2.9)	230 (1.7)	12 (1.9)	226 (3.3)
New Jersey†	20 (3.3)	222 (3.9)	63 (3.8)	224 (2.0)	17 (2.9)	225 (2.4)
New Mexico	19 (2.6)	210 (2.6)	60 (3.4)	212 (2.4)	21 (2.9)	210 (3.4)
New York†	40 (3.6)	215 (2.2)	51 (3.4)	216 (1.9)	10 (1.7)	205 (6.8)
North Carolina	24 (3.2)	214 (2.5)	58 (3.0)	210 (1.7)	18 (2.4)	213 (2.6)
North Dakota	13 (2.8)	225 (3.6)!	45 (4.3)	224 (1.7)	42 (4.4)	227 (1.6)
Pennsylvania	24 (2.8)	222 (2.8)	54 (3.4)	218 (1.6)	23 (3.2)	224 (2.6)
Rhode Island	28 (2.8)	221 (2.1)	50 (3.1)	217 (2.2)	21 (3.1)	213 (4.3)
South Carolina	18 (2.8)	212 (3.6)	61 (2.8)	209 (1.5)	20 (2.5)	209 (2.8)
Tennessee	18 (2.3)	207 (2.8)	53 (3.1)	214 (2.0)	29 (2.7)	210 (2.2)
Texas	16 (1.9)	211 (3.1)	60 (2.8)	215 (2.3)	24 (2.6)	214 (3.0)
Utah	24 (3.3)	222 (2.7)	51 (3.3)	220 (1.5)	26 (2.7)	218 (1.5)
Virginia	32 (2.9)	226 (2.5)	58 (3.0)	219 (1.6)	10 (1.6)	222 (3.6)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	11 (2.1)	216 (4.0)	58 (3.6)	215 (1.8)	31 (3.3)	214 (2.6)
Wisconsin	28 (3.0)	222 (1.6)	57 (3.0)	224 (1.3)	15 (3.1)	226 (2.6)!
Wyoming	24 (2.2)	223 (2.4)	54 (2.9)	225 (1.5)	22 (2.8)	221 (2.1)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	30 (1.1)	182 (1.8)	49 (1.0)	179 (2.1)	21 (0.9)	187 (2.6)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 29

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
TEACHERS' REPORTS ON: Frequency They Ask Students To Write About Their Reading*

How often do you ask students to write about something they read?	Almost Every Day		At Least Once a Week		Less than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	30 (2.4)	212 (2.5)	56 (2.3)	213 (1.5)	14 (2.0)	215 (2.6)
Northeast	46 (5.2)	211 (4.7)	46 (3.7)	212 (4.6)	9 (3.4)	222 (6.8)!
Southeast	24 (5.1)	206 (5.5)!	61 (5.5)	210 (2.4)	15 (3.4)	204 (4.3)!
Central	26 (4.4)	221 (4.4)	52 (3.9)	219 (3.2)	21 (4.8)	216 (4.1)!
West	26 (4.1)	212 (4.9)	62 (4.4)	213 (2.1)	11 (3.5)	222 (4.4)!
States						
Alabama	20 (2.7)	206 (3.6)	54 (3.2)	209 (2.3)	26 (3.0)	207 (2.3)
Arizona	33 (2.8)	210 (3.0)	54 (3.2)	205 (2.1)	14 (2.2)	203 (4.3)
Arkansas	18 (3.2)	205 (3.2)	54 (3.4)	210 (2.4)	28 (2.6)	210 (3.0)
California	47 (4.0)	200 (3.1)	47 (3.7)	196 (2.6)	6 (1.9)	192 (10.2)!
Colorado	39 (3.2)	214 (2.1)	51 (3.0)	214 (1.7)	10 (2.0)	215 (3.4)!
Connecticut	43 (3.5)	227 (2.0)	46 (3.1)	221 (2.6)	11 (2.3)	212 (6.5)!
Delaware	34 (1.1)	213 (2.0)	52 (1.1)	208 (1.5)	14 (0.6)	188 (2.8)
Florida	27 (2.7)	203 (3.7)	60 (2.9)	205 (2.0)	13 (1.6)	206 (3.7)
Georgia	24 (2.7)	211 (4.7)	59 (2.6)	209 (2.6)	17 (2.3)	203 (3.7)
Hawaii	32 (2.7)	198 (2.5)	58 (3.1)	202 (2.1)	11 (1.8)	199 (4.6)
Indiana	15 (2.6)	229 (3.0)	48 (4.2)	221 (2.0)	37 (4.1)	216 (2.6)
Iowa	34 (3.9)	226 (2.2)	52 (3.9)	222 (1.9)	15 (2.7)	220 (2.5)
Kentucky	40 (3.0)	213 (2.9)	53 (3.0)	210 (1.7)	7 (1.8)	213 (4.9)!
Louisiana	15 (3.0)	195 (5.8)!	53 (4.0)	198 (2.3)	32 (3.4)	197 (2.6)
Maine	38 (3.1)	231 (1.9)	49 (3.0)	227 (1.9)	13 (2.4)	226 (2.3)
Maryland	52 (3.5)	215 (2.6)	43 (3.3)	204 (3.0)	5 (1.2)	206 (5.4)!
Massachusetts	33 (3.4)	225 (2.8)	55 (3.7)	223 (2.1)	13 (1.9)	221 (2.8)
Minnesota	29 (2.9)	218 (2.8)	54 (3.0)	221 (1.5)	18 (2.4)	214 (2.6)
Mississippi	15 (2.1)	196 (4.5)	58 (3.3)	202 (2.4)	27 (3.0)	203 (2.6)
Missouri	26 (2.5)	222 (3.1)	50 (3.1)	215 (2.1)	24 (3.2)	216 (2.5)
Montana†	29 (3.2)	221 (2.3)	57 (3.5)	223 (1.6)	15 (2.3)	223 (3.3)
Nebraska†	30 (3.5)	224 (2.7)	57 (3.6)	218 (2.0)	13 (2.4)	216 (3.2)
New Hampshire†	32 (4.7)	219 (2.6)	53 (4.1)	226 (1.4)	15 (3.0)	222 (3.1)!
New Jersey	33 (3.0)	223 (2.3)	53 (3.2)	221 (2.2)	14 (2.5)	213 (3.8)
New Mexico	28 (3.1)	206 (2.8)	57 (3.2)	204 (2.2)	15 (1.8)	204 (4.1)
New York	42 (2.6)	211 (2.3)	46 (3.0)	213 (2.2)	12 (1.8)	210 (4.8)
North Carolina	34 (3.0)	214 (2.9)	55 (2.5)	214 (1.9)	11 (1.9)	212 (3.7)
North Dakota	20 (3.3)	226 (2.4)	51 (3.6)	225 (1.8)	29 (3.1)	225 (2.2)
Pennsylvania†	28 (3.6)	218 (2.8)	56 (3.8)	215 (2.4)	16 (2.2)	213 (4.4)
Rhode Island†	33 (3.8)	222 (2.4)	52 (3.3)	219 (1.6)	15 (2.9)	220 (3.8)!
South Carolina	25 (3.4)	203 (3.1)	55 (2.5)	206 (1.8)	21 (2.5)	199 (2.8)
Tennessee†	10 (1.9)	212 (6.5)	58 (3.2)	211 (2.1)	32 (3.2)	217 (2.9)
Texas	32 (2.9)	215 (3.2)	48 (3.1)	211 (2.4)	20 (3.1)	214 (4.5)
Utah	22 (2.9)	220 (2.5)	53 (3.2)	217 (1.8)	25 (2.5)	216 (2.3)
Virginia	35 (2.6)	214 (2.3)	54 (2.9)	213 (1.8)	12 (2.1)	213 (4.9)
Washington	31 (3.1)	216 (2.1)	55 (2.9)	213 (1.8)	14 (2.1)	208 (4.5)
West Virginia	18 (3.1)	215 (2.8)	56 (3.7)	213 (1.5)	26 (3.8)	212 (2.2)
Wisconsin†	28 (3.1)	222 (2.1)	61 (3.6)	226 (1.5)	11 (2.1)	218 (2.4)!
Wyoming	28 (2.8)	223 (1.2)	50 (3.3)	221 (1.7)	22 (2.8)	218 (3.6)
Other Jurisdictions						
DoDEA Overseas	32 (1.9)	218 (1.5)	50 (2.3)	216 (1.2)	18 (2.3)	219 (2.0)
Guam	38 (0.9)	178 (2.2)	57 (0.9)	182 (1.7)	4 (0.4)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: National Center for Education Statistics, **National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 30

1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them To Write About Their Reading**

How often does your teacher ask you to write about something you read?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	23 (0.8)	210 (1.6)	34 (1.0)	217 (1.2)	43 (1.2)	217 (1.2)
Northeast	25 (2.0)	219 (4.7)	37 (2.2)	223 (4.6)	38 (1.8)	220 (3.6)
Southeast	23 (1.7)	206 (3.8)	33 (1.7)	213 (2.6)	44 (2.3)	213 (2.6)
Central	21 (1.4)	212 (2.9)	34 (2.1)	218 (1.6)	45 (2.4)	221 (2.2)
West	23 (1.7)	205 (2.4)	34 (1.7)	214 (2.2)	43 (2.4)	216 (2.3)
States						
Alabama	22 (1.2)	201 (2.3)	34 (1.1)	208 (2.0)	44 (1.5)	211 (1.9)
Arizona	22 (0.8)	205 (2.0)	35 (1.1)	212 (1.6)	43 (1.3)	211 (1.5)
Arkansas	19 (1.1)	201 (1.7)	33 (1.1)	212 (1.6)	48 (1.4)	215 (1.6)
California	26 (1.1)	199 (2.7)	37 (1.2)	207 (2.5)	37 (1.3)	204 (2.2)
Colorado	25 (1.3)	217 (1.6)	35 (1.1)	217 (1.5)	40 (1.5)	217 (1.5)
Connecticut	21 (1.4)	220 (2.7)	35 (1.1)	223 (1.5)	44 (1.6)	223 (1.4)
Delaware†	21 (1.0)	206 (1.8)	30 (1.4)	214 (1.6)	48 (1.2)	216 (1.1)
Florida	22 (1.1)	203 (2.2)	36 (1.0)	210 (1.4)	42 (1.2)	212 (1.5)
Georgia	25 (1.0)	206 (1.8)	36 (1.2)	214 (1.9)	40 (1.1)	216 (1.8)
Hawaii	26 (1.2)	198 (2.5)	38 (1.1)	208 (2.0)	36 (1.2)	205 (1.7)
Indiana	17 (0.9)	211 (1.9)	33 (1.1)	222 (1.6)	50 (1.4)	225 (1.4)
Iowa	19 (1.2)	222 (2.1)	33 (1.1)	227 (1.4)	48 (1.3)	227 (1.2)
Kentucky	22 (0.8)	206 (1.8)	36 (1.0)	214 (1.6)	41 (1.0)	216 (1.3)
Louisiana	24 (0.9)	198 (1.5)	34 (1.0)	204 (1.7)	41 (1.1)	208 (1.2)
Maine†	19 (1.3)	225 (1.9)	33 (1.2)	229 (1.8)	48 (1.6)	227 (1.3)
Maryland	28 (1.2)	209 (1.9)	36 (1.0)	215 (1.7)	36 (1.3)	212 (1.8)
Massachusetts	19 (1.0)	222 (1.6)	37 (1.1)	228 (1.5)	45 (1.2)	227 (1.2)
Minnesota	16 (0.8)	215 (2.4)	34 (0.9)	221 (1.5)	49 (1.2)	224 (1.4)
Mississippi	28 (1.3)	192 (1.6)	35 (1.1)	202 (1.8)	37 (1.6)	203 (1.8)
Missouri	24 (1.4)	216 (2.1)	35 (1.1)	224 (1.5)	41 (1.4)	220 (1.4)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	18 (0.9)	217 (1.6)	36 (1.2)	222 (1.6)	46 (1.2)	224 (1.4)
New Hampshire†	20 (1.2)	226 (1.9)	34 (1.3)	230 (1.7)	46 (1.4)	227 (1.3)
New Jersey†	19 (1.0)	215 (1.6)	34 (1.1)	224 (1.9)	47 (1.4)	227 (1.7)
New Mexico	21 (1.1)	203 (3.1)	34 (1.0)	211 (1.5)	44 (1.4)	216 (1.9)
New York†	25 (1.6)	209 (2.1)	33 (1.1)	214 (2.0)	42 (1.6)	220 (2.0)
North Carolina	25 (1.1)	207 (2.0)	38 (0.9)	215 (1.3)	38 (1.2)	213 (1.5)
North Dakota	15 (1.0)	222 (2.1)	37 (1.2)	226 (1.6)	48 (1.7)	228 (1.3)
Pennsylvania	21 (1.0)	215 (2.2)	34 (1.1)	221 (1.6)	45 (1.4)	225 (1.3)
Rhode Island	22 (0.9)	212 (2.2)	34 (0.9)	214 (2.0)	45 (1.4)	222 (2.2)
South Carolina	25 (1.3)	204 (2.1)	33 (1.0)	211 (1.5)	42 (1.4)	214 (1.6)
Tennessee	21 (1.0)	206 (2.0)	35 (0.9)	215 (1.8)	43 (1.2)	214 (1.7)
Texas	22 (1.0)	203 (1.8)	35 (1.1)	215 (1.7)	43 (1.2)	217 (1.7)
Utah	17 (1.1)	217 (1.7)	30 (1.0)	223 (1.5)	53 (1.4)	221 (1.2)
Virginia	24 (1.1)	217 (2.2)	36 (1.1)	222 (1.6)	40 (1.3)	223 (1.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	17 (1.0)	209 (2.2)	35 (1.1)	218 (1.5)	49 (1.2)	217 (1.5)
Wisconsin	19 (1.2)	218 (1.8)	36 (1.0)	224 (1.2)	45 (1.4)	226 (1.2)
Wyoming	19 (0.8)	220 (1.7)	31 (1.0)	224 (1.6)	49 (1.3)	224 (1.3)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	26 (0.9)	178 (1.9)	33 (1.0)	187 (2.4)	40 (1.0)	183 (1.8)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 30 — 1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them To Write About Their Reading**

How often does your teacher ask you to write about something you read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	23 (1.0)	208 (1.8)	33 (0.7)	215 (1.4)	44 (0.9)	216 (1.3)
Northeast	29 (2.1)	211 (3.8)	34 (1.7)	216 (2.6)	37 (2.1)	213 (2.6)
Southeast	22 (1.6)	201 (3.4)	36 (1.3)	210 (2.8)	42 (1.5)	211 (2.4)
Central	22 (2.6)	215 (3.2)	30 (1.8)	219 (3.9)	48 (2.1)	221 (3.0)
West	21 (1.4)	204 (3.3)	33 (1.3)	214 (2.5)	46 (1.9)	217 (2.3)
States						
Alabama	21 (1.0)	197 (1.9)	35 (1.1)	211 (2.1)	44 (1.2)	212 (1.7)
Arizona	23 (1.0)	203 (2.7)	36 (1.2)	208 (2.3)	40 (1.2)	209 (2.0)
Arkansas	19 (1.2)	199 (2.6)	32 (1.1)	209 (2.1)	49 (1.4)	213 (1.7)
California	30 (1.5)	196 (2.2)	36 (1.0)	202 (2.3)	35 (1.5)	200 (2.2)
Colorado	26 (1.2)	212 (2.1)	34 (1.1)	217 (1.7)	39 (1.2)	214 (1.6)
Connecticut	23 (1.6)	220 (2.5)	34 (1.1)	224 (2.4)	44 (1.8)	224 (1.8)
Delaware	25 (1.0)>	201 (2.1)	30 (1.1)	212 (1.9)	45 (1.1)	210 (1.4)<<
Florida	22 (0.9)	199 (2.0)	36 (0.9)	209 (2.3)	42 (1.2)	208 (2.0)
Georgia	22 (1.0)	197 (3.2)<	36 (1.2)	209 (2.7)	42 (1.5)	213 (2.5)
Hawaii	27 (1.1)	196 (2.6)	34 (1.1)<	206 (1.9)	39 (1.3)	203 (2.0)
Indiana	17 (1.0)	215 (2.2)	32 (1.1)	220 (1.8)	51 (1.5)	222 (1.5)
Iowa	20 (1.6)	219 (2.5)	32 (1.2)	223 (1.6)	49 (1.6)	225 (1.4)
Kentucky	28 (1.0)>>	207 (1.8)	35 (1.1)	216 (2.0)	36 (1.2)<	213 (2.1)
Louisiana	24 (0.9)	190 (1.9)<	36 (1.1)	197 (1.7)<	41 (1.4)	202 (1.9)<
Maine	17 (1.1)	228 (2.3)	35 (1.1)	229 (1.6)	49 (1.2)	229 (1.5)
Maryland	31 (1.2)	210 (2.4)	34 (0.8)	214 (1.6)	35 (1.2)	211 (2.0)
Massachusetts	22 (1.2)	220 (1.9)	35 (1.1)	223 (1.5)	43 (1.3)	227 (1.5)
Minnesota	17 (1.0)	214 (2.8)	33 (1.0)	221 (1.5)	50 (1.2)	220 (1.5)
Mississippi	27 (1.1)	194 (1.8)	33 (0.9)	207 (1.9)	40 (1.3)	204 (2.2)
Missouri	21 (1.1)	212 (2.8)	38 (0.8)	218 (1.8)<	42 (1.2)	220 (1.8)
Montana†	18 (1.1)	220 (2.5)	32 (1.1)	224 (2.1)	50 (1.7)	223 (1.5)
Nebraska†	19 (1.0)	210 (2.5)<	35 (1.2)	224 (1.8)	47 (1.6)	224 (1.7)
New Hampshire†	20 (1.3)	221 (2.4)	33 (1.1)	225 (1.9)	48 (1.6)	225 (1.7)
New Jersey	24 (1.3)>	218 (2.3)	35 (1.2)	219 (1.8)	41 (1.5)<	222 (1.5)
New Mexico	24 (1.0)	199 (2.6)	34 (1.2)	207 (2.0)	42 (1.2)	208 (2.0)<
New York	30 (1.4)>	206 (2.2)	33 (1.2)	214 (2.0)	37 (1.6)	217 (1.8)
North Carolina	25 (1.2)	207 (2.0)	37 (1.0)	217 (1.8)	38 (1.1)	219 (2.2)
North Dakota	17 (0.8)	219 (2.0)	35 (1.2)	227 (1.6)	48 (1.2)	227 (1.6)
Pennsylvania†	20 (1.2)	207 (2.4)<	35 (1.2)	218 (1.7)	45 (1.7)	220 (1.7)
Rhode Island†	23 (1.1)	218 (2.2)	34 (1.4)	221 (1.8)>	44 (1.5)	222 (1.7)
South Carolina	24 (1.2)	197 (2.0)<	35 (1.1)	205 (2.0)	41 (1.5)	209 (1.8)
Tennessee†	18 (1.1)<	198 (2.9)	34 (1.0)	214 (2.1)	48 (1.4)>	219 (1.8)
Texas	21 (1.3)	205 (2.5)	37 (1.0)	214 (1.9)	42 (1.3)	218 (2.2)
Utah	17 (0.9)	213 (2.2)	31 (1.1)	218 (1.3)<	52 (1.1)	220 (1.6)
Virginia	26 (1.4)	208 (1.8)<	36 (1.3)	216 (1.9)<	38 (1.7)	218 (2.1)
Washington	21 (1.3)	209 (2.5)	32 (1.2)	218 (1.5)	47 (1.3)	213 (1.8)
West Virginia	20 (1.4)	208 (2.1)	34 (1.1)	213 (1.5)	46 (1.6)	216 (1.6)
Wisconsin†	20 (1.1)	220 (2.0)	35 (1.2)	227 (1.4)	45 (1.3)	224 (1.3)
Wyoming	21 (1.2)	220 (2.0)	32 (1.2)	222 (1.6)	48 (1.5)	222 (1.5)
Other Jurisdictions						
DoDEA Overseas	20 (0.9)	212 (1.7)	32 (1.1)	219 (1.4)	48 (1.0)	220 (1.1)
Guam	30 (0.9)>	183 (1.9)	36 (0.9)	187 (1.7)	34 (1.0)<<	179 (2.0)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 31 — 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Discuss New or Difficult Vocabulary**

How often do you discuss new or difficult vocabulary with your students?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	49 (2.4)	214 (1.8)	49 (2.3)	218 (1.9)	2 (0.8)	218 (7.6)!
Northeast	54 (6.7)	215 (4.8)	43 (6.7)	222 (4.4)	4 (2.5)	*** (***)
Southeast	44 (3.9)	211 (3.3)	54 (3.3)	213 (4.0)	2 (1.8)	*** (***)
Central	49 (4.7)	219 (2.2)	51 (4.7)	221 (3.3)	*** (***)	*** (***)
West	51 (4.3)	210 (3.2)	47 (3.7)	217 (4.4)	2 (1.2)	*** (***)
States						
Alabama	63 (3.4)	205 (2.1)	37 (3.4)	212 (2.6)	*** (***)	*** (***)
Arizona	54 (2.9)	209 (1.5)	44 (2.7)	210 (1.9)	2 (0.9)	*** (***)
Arkansas	43 (3.0)	209 (1.8)	56 (2.9)	212 (1.9)	1 (0.7)	*** (***)
California	58 (3.8)	202 (3.0)	41 (3.8)	203 (3.3)	1 (0.4)	*** (***)
Colorado	57 (2.8)	217 (1.7)	39 (2.7)	217 (1.7)	4 (1.2)	223 (3.6)!
Connecticut	59 (3.2)	221 (1.8)	40 (3.2)	226 (2.2)	1 (0.5)	*** (***)
Delaware†	50 (1.0)	211 (1.1)	49 (1.1)	216 (1.2)	1 (0.2)	*** (***)
Florida	54 (3.2)	207 (1.9)	46 (3.2)	210 (1.9)	0 (0.1)	*** (***)
Georgia	59 (3.2)	211 (1.9)	40 (3.2)	213 (2.4)	1 (0.5)	*** (***)
Hawaii	52 (3.0)	198 (2.4)	47 (3.0)	208 (2.0)	1 (0.6)	*** (***)
Indiana	41 (3.2)	219 (2.0)	59 (3.2)	223 (1.5)	*** (***)	*** (***)
Iowa	44 (3.7)	227 (1.6)	54 (3.8)	224 (1.5)	2 (1.0)	*** (***)
Kentucky	60 (2.7)	211 (1.7)	37 (2.9)	214 (1.5)	2 (1.5)	*** (***)
Louisiana	58 (3.4)	202 (1.9)	41 (3.4)	206 (1.7)	0 (0.3)	*** (***)
Maine†	49 (4.0)	226 (1.6)	48 (3.8)	228 (1.8)	3 (1.0)	*** (***)
Maryland	59 (3.1)	208 (2.4)	40 (3.1)	216 (2.1)	1 (0.5)	*** (***)
Massachusetts	62 (3.2)	227 (1.4)	37 (3.2)	226 (2.0)	1 (0.6)	*** (***)
Minnesota	50 (3.6)	220 (1.9)	50 (3.6)	221 (2.1)	0 (0.4)	*** (***)
Mississippi	70 (3.4)	198 (1.7)	29 (3.4)	202 (2.9)	1 (0.5)	*** (***)
Missouri	52 (3.3)	217 (1.8)	47 (3.2)	224 (1.8)	1 (0.5)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	52 (4.3)	221 (1.5)	46 (4.2)	222 (1.6)	2 (0.8)	*** (***)
New Hampshire†	57 (3.3)	227 (1.6)	41 (3.1)	230 (1.6)	2 (1.0)	*** (***)
New Jersey†	57 (3.9)	223 (2.1)	42 (3.8)	223 (2.3)	1 (0.7)	*** (***)
New Mexico	57 (3.7)	208 (2.0)	43 (3.7)	215 (2.8)	0 (0.1)	*** (***)
New York†	70 (2.6)	214 (1.8)	29 (2.6)	218 (2.6)	0 (0.2)	*** (***)
North Carolina	68 (3.2)	211 (1.2)	32 (3.2)	213 (2.3)	0 (0.3)	*** (***)
North Dakota	57 (3.5)	225 (1.5)	43 (3.5)	225 (1.8)	*** (***)	*** (***)
Pennsylvania	50 (3.0)	219 (1.7)	50 (3.0)	222 (1.9)	0 (0.3)	*** (***)
Rhode Island	55 (3.3)	215 (2.3)	43 (3.2)	220 (2.7)	2 (1.2)	*** (***)
South Carolina	63 (3.3)	208 (1.8)	37 (3.2)	211 (2.2)	1 (0.4)	*** (***)
Tennessee	55 (3.8)	210 (2.1)	44 (3.8)	214 (1.9)	1 (0.4)	*** (***)
Texas	60 (3.4)	212 (2.5)	39 (3.4)	217 (1.9)	1 (0.4)	*** (***)
Utah	54 (3.1)	220 (1.7)	45 (3.0)	221 (1.6)	2 (0.7)	*** (***)
Virginia	58 (2.8)	219 (1.9)	42 (2.8)	224 (1.6)	0 (0.2)	*** (***)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	62 (3.4)	215 (1.7)	37 (3.2)	215 (1.8)	1 (0.7)	*** (***)
Wisconsin	55 (3.6)	223 (1.4)	43 (3.5)	225 (1.5)	1 (0.7)	*** (***)
Wyoming	47 (3.0)	221 (1.6)	51 (3.6)	225 (1.4)	2 (1.0)	*** (***)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	65 (1.1)	182 (1.8)	35 (1.1)	181 (1.8)	*** (***)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 31 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Discuss New or Difficult Vocabulary***

How often do you discuss new or difficult vocabulary with your students?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	62 (2.5)	211 (1.4)	37 (2.6)	218 (1.5)	1 (0.5)	*** (***)
Northeast	70 (3.9)	209 (2.6)	29 (3.7)	220 (4.4)	1 (1.4)	*** (***)
Southeast	62 (5.0)	208 (2.1)	38 (4.9)	208 (3.2)	0 (0.4)	*** (***)
Central	53 (6.1)	216 (3.4)	47 (6.1)	222 (3.1)	*** (***)	*** (***)
West	64 (4.5)	210 (2.7)	34 (5.3)	220 (2.4)	2 (1.3)	*** (***)
States						
Alabama	67 (3.0)	207 (1.8)	31 (2.6)	210 (2.7)	2 (1.1)	*** (***)
Arizona	62 (2.9)	204 (2.1)	37 (3.0)	211 (2.2)	1 (0.5)	*** (***)
Arkansas	50 (3.1)	206 (2.3)	48 (3.3)	212 (2.1)	2 (0.9)	*** (***)
California	65 (3.4)	196 (2.4)	34 (3.5)	200 (3.5)	1 (0.5)	*** (***)
Colorado	54 (2.8)	213 (1.6)	42 (2.7)	214 (1.9)	4 (1.2)	223 (6.7)!
Connecticut	71 (2.7)	223 (1.7)	29 (2.7)	221 (3.0)	0 (0.1)	*** (***)
Delaware	57 (0.9)	209 (1.4)	41 (0.9)	204 (1.8)	2 (0.2)	*** (***)
Florida	67 (2.5)	204 (2.0)	32 (2.5)	206 (2.4)	1 (0.6)	*** (***)
Georgia	67 (3.3)	207 (3.0)	33 (3.3)	211 (3.3)	1 (0.4)	*** (***)
Hawaii	61 (2.3)	199 (2.0)	38 (2.3)	203 (2.1)	1 (0.6)	*** (***)
Indiana	56 (3.2)	219 (1.8)	43 (3.2)	222 (2.1)	1 (0.5)	*** (***)
Iowa	56 (3.6)	223 (1.9)	43 (3.7)	224 (1.8)	1 (0.7)	*** (***)
Kentucky	63 (3.3)	210 (2.1)	35 (3.3)	214 (2.3)	2 (0.7)	*** (***)
Louisiana	61 (3.5)	193 (2.2)	39 (3.4)	203 (2.1)	1 (0.5)	*** (***)
Maine	55 (3.2)	229 (1.4)	42 (3.1)	228 (2.3)	4 (1.3)	221 (3.0)!
Maryland	53 (3.1)	212 (2.0)	46 (3.2)	207 (2.6)	1 (0.4)	*** (***)
Massachusetts	63 (4.0)	221 (1.9)	37 (4.0)	228 (2.1)	*** (***)	*** (***)
Minnesota	51 (3.1)	217 (1.9)	46 (3.1)	221 (1.8)	2 (0.7)	224 (5.9)!
Mississippi	67 (3.4)	199 (2.1)	33 (3.5)	207 (2.6)	0 (0.2)	*** (***)
Missouri	52 (3.5)	215 (2.4)	46 (3.2)	219 (2.0)	2 (0.9)	*** (***)
Montana†	59 (3.1)	221 (1.7)	41 (3.1)	225 (1.7)	*** (***)	*** (***)
Nebraska†	62 (3.1)	219 (1.7)	35 (3.2)	222 (2.1)	3 (1.4)	*** (***)
New Hampshire†	62 (3.5)	223 (1.9)	37 (3.5)	224 (2.0)	1 (0.4)	*** (***)
New Jersey	61 (3.6)	218 (1.7)	39 (3.6)	223 (2.7)	0 (0.2)	*** (***)
New Mexico	57 (3.0)	206 (2.4)	41 (3.1)	204 (2.3)	2 (0.9)	*** (***)
New York	72 (2.3)	212 (1.6)	27 (2.2)	212 (3.3)	1 (0.4)	*** (***)
North Carolina	69 (2.8)	214 (1.7)	30 (2.8)	214 (2.4)	1 (0.5)	*** (***)
North Dakota	69 (3.5)	226 (1.5)	31 (3.5)	223 (2.0)	*** (***)	*** (***)
Pennsylvania†	57 (3.7)	214 (2.4)	43 (3.7)	218 (2.6)	0 (0.1)	*** (***)
Rhode Island†	57 (3.5)	218 (2.0)	40 (3.2)	221 (2.0)	3 (1.1)	*** (***)
South Carolina	67 (3.3)	203 (1.6)	32 (3.2)	204 (2.9)	0 (0.4)	*** (***)
Tennessee†	61 (3.9)	210 (2.3)	39 (3.9)	218 (2.7)	*** (***)	*** (***)
Texas	64 (2.4)	210 (2.0)	35 (2.4)	217 (2.8)	1 (0.8)	*** (***)
Utah	59 (2.9)	216 (1.9)	39 (2.9)	219 (1.4)	2 (0.7)	*** (***)
Virginia	62 (2.9)	211 (1.8)	36 (2.9)	217 (2.5)	2 (0.6)	*** (***)
Washington	55 (3.1)	212 (2.0)	43 (3.1)	215 (2.2)	3 (0.8)	220 (4.6)!
West Virginia	69 (3.4)	213 (1.4)	31 (3.4)	214 (1.9)	*** (***)	*** (***)
Wisconsin†	60 (3.8)	223 (1.5)	38 (3.8)	226 (1.6)	2 (1.0)	*** (***)
Wyoming	65 (3.0)	222 (1.4)	33 (3.0)	219 (2.1)	2 (1.0)	*** (***)
Other Jurisdictions						
DoDEA Overseas	63 (3.0)	217 (1.0)	37 (3.0)	217 (1.3)	0 (0.1)	*** (***)
Guam	63 (0.9)	182 (1.6)	37 (0.9)	177 (2.1)	*** (***)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 32

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **Frequency Their Teacher Discusses New or Difficult Vocabulary**

How often does your teacher discuss new or difficult vocabulary with you?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	31 (0.9)	215 (1.4)	39 (1.0)	220 (1.3)	30 (0.8)	209 (1.3)
Northeast	32 (2.2)	222 (4.6)	41 (2.1)	226 (4.2)	28 (2.2)	211 (4.4)
Southeast	37 (1.6)	211 (2.7)	35 (2.1)	215 (2.6)	28 (1.5)	205 (3.8)
Central	28 (1.1)	218 (2.3)	40 (2.1)	222 (2.6)	32 (1.9)	213 (2.0)
West	30 (1.9)	212 (1.8)	38 (1.7)	218 (2.3)	32 (1.2)	206 (2.4)
States						
Alabama	37 (1.1)	210 (1.8)	40 (1.3)	210 (2.0)	23 (1.1)	199 (2.6)
Arizona	29 (0.9)	214 (1.8)	39 (1.0)	211 (1.5)	32 (1.1)	203 (1.8)
Arkansas	35 (1.1)	215 (1.8)	36 (0.9)	213 (1.6)	29 (1.0)	203 (1.9)
California	31 (1.0)	207 (2.6)	39 (1.3)	206 (2.4)	29 (1.0)	196 (2.4)
Colorado	27 (1.2)	218 (1.5)	40 (1.1)	219 (1.3)	33 (1.1)	213 (1.5)
Connecticut	32 (0.9)	223 (1.7)	39 (1.0)	228 (1.5)	28 (0.9)	213 (1.9)
Delaware†	33 (1.2)	212 (1.4)	37 (1.1)	219 (1.5)	30 (1.0)	208 (1.5)
Florida	33 (1.0)	211 (1.5)	38 (1.0)	211 (1.5)	28 (1.1)	202 (1.8)
Georgia	36 (1.0)	214 (1.6)	37 (1.1)	216 (1.9)	26 (1.0)	205 (1.8)
Hawaii	28 (1.1)	206 (2.0)	40 (1.2)	206 (2.1)	32 (1.1)	199 (1.8)
Indiana	34 (1.0)	222 (1.3)	42 (1.1)	225 (1.5)	23 (1.2)	213 (2.1)
Iowa	28 (0.9)	227 (1.4)	43 (1.2)	229 (1.1)	29 (1.2)	219 (1.7)
Kentucky	35 (1.0)	216 (1.7)	36 (1.0)	216 (1.6)	29 (1.0)	205 (1.5)
Louisiana	37 (1.1)	205 (1.6)	39 (1.0)	207 (1.3)	24 (1.1)	197 (1.7)
Maine†	27 (1.5)	227 (1.9)	39 (1.2)	229 (1.5)	34 (1.4)	225 (1.4)
Maryland	30 (1.1)	211 (1.9)	41 (1.0)	218 (1.4)	29 (1.0)	205 (2.1)
Massachusetts	31 (1.1)	226 (1.4)	44 (0.9)	230 (1.1)	25 (1.0)	221 (1.5)
Minnesota	25 (1.1)	223 (1.4)	44 (1.2)	224 (1.6)	31 (1.3)	216 (1.7)
Mississippi	37 (1.2)	203 (1.6)	38 (1.1)	199 (1.7)	25 (1.2)	193 (1.8)
Missouri	33 (1.2)	221 (1.8)	38 (1.0)	224 (1.5)	29 (1.0)	214 (1.4)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	35 (1.2)	223 (1.4)	39 (1.2)	225 (1.2)	26 (1.2)	213 (1.9)
New Hampshire†	26 (0.9)	230 (1.6)	41 (1.1)	232 (1.5)	33 (1.2)	222 (1.7)
New Jersey†	33 (1.2)	223 (1.7)	41 (1.1)	228 (1.7)	26 (1.2)	215 (2.4)
New Mexico	32 (1.0)	213 (2.1)	35 (1.4)	214 (1.8)	33 (1.2)	206 (1.8)
New York†	33 (1.2)	216 (1.9)	39 (1.2)	217 (1.6)	27 (1.0)	211 (2.3)
North Carolina	38 (1.0)	215 (1.6)	37 (1.1)	216 (1.5)	25 (0.9)	203 (1.7)
North Dakota	31 (1.1)	230 (1.6)	40 (1.2)	228 (1.3)	29 (1.3)	218 (1.8)
Pennsylvania	33 (1.0)	222 (1.8)	41 (1.2)	224 (1.6)	26 (1.0)	215 (1.6)
Rhode Island	31 (1.0)	217 (2.2)	40 (1.1)	222 (2.0)	29 (1.2)	211 (2.3)
South Carolina	37 (1.1)	214 (1.9)	37 (1.0)	215 (1.5)	26 (1.0)	198 (1.5)
Tennessee	36 (1.0)	216 (1.7)	40 (1.0)	214 (1.6)	24 (0.9)	204 (1.8)
Texas	34 (1.2)	213 (1.7)	38 (1.2)	217 (1.8)	28 (1.0)	207 (2.1)
Utah	27 (1.1)	224 (1.6)	39 (1.3)	222 (1.2)	34 (1.3)	216 (1.6)
Virginia	35 (1.1)	220 (1.7)	40 (0.9)	226 (1.[illegible])	25 (1.1)	216 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	36 (1.0)	219 (1.6)	37 (1.1)	219 (1.7)	26 (1.0)	207 (1.8)
Wisconsin	30 (1.2)	225 (1.7)	42 (1.0)	227 (1.1)	28 (1.0)	216 (1.6)
Wyoming	31 (1.0)	228 (1.3)	38 (1.1)	224 (1.4)	31 (1.1)	218 (1.6)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	29 (1.0)	185 (2.1)	37 (1.0)	188 (1.9)	34 (1.0)	176 (1.8)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 32

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
STUDENTS' REPORTS ON: Frequency Their Teacher Discusses New or Difficult Vocabulary

THE NATION'S
REPORT
CARD
naep
1992
1994
Reading Assessment

How often does your teacher discuss new or difficult vocabulary with you?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	32 (0.8)	214 (1.6)	36 (0.8)	218 (1.5)	31 (0.8)	207 (1.4)
Northeast	34 (1.5)	215 (3.6)	36 (2.0)	218 (2.3)	30 (2.0)	204 (3.2)
Southeast	36 (1.9)	210 (3.2)	32 (1.7)	212 (3.8)	32 (1.1)	203 (2.1)
Central	31 (1.6)	220 (3.8)	40 (1.8)	224 (2.7)	29 (2.1)	211 (4.1)
West	30 (1.7)	214 (2.9)	37 (1.4)	217 (2.7)	33 (1.2)	208 (2.1)
States						
Alabama	35 (1.0)	208 (1.9)	39 (1.1)	213 (1.8)	26 (1.0)	202 (2.4)
Arizona	29 (1.2)	210 (2.7)	39 (1.0)	211 (2.3)	32 (1.3)	199 (2.3)
Arkansas	35 (1.2)	211 (1.7)	35 (1.0)	215 (2.4)	30 (1.2)	200 (2.4)
California	29 (1.3)	199 (2.9)	41 (1.5)	203 (2.1)	31 (1.4)	191 (2.9)
Colorado	28 (1.1)	217 (1.9)	40 (1.0)	216 (1.7)	32 (1.1)	209 (2.2)
Connecticut	35 (1.2)	224 (2.3)	37 (1.1)	227 (2.0)	28 (1.0)	216 (1.9)
Delaware	33 (0.8)	209 (2.3)	35 (1.3)	214 (1.7)	31 (1.0)	198 (2.0)<<
Florida	35 (1.0)	205 (2.4)	39 (1.0)	210 (1.9)	26 (1.1)	199 (2.4)
Georgia	34 (1.3)	207 (2.6)<	40 (1.3)	213 (2.8)	26 (0.9)	200 (2.6)
Hawaii	30 (0.9)	204 (2.1)	37 (1.2)	205 (2.0)	33 (1.2)	196 (2.2)
Indiana	33 (1.0)	221 (1.7)	41 (1.1)	223 (1.9)	26 (1.3)	214 (2.0)
Iowa	29 (1.0)	228 (1.8)	40 (1.0)	225 (1.7)	31 (1.1)	217 (1.9)
Kentucky	33 (1.1)	216 (1.9)	36 (1.1)	215 (1.7)	31 (1.1)	204 (1.9)
Louisiana	36 (1.0)	198 (1.6)<	37 (1.0)	200 (1.5)<	27 (1.0)	192 (2.0)
Maine	23 (1.2)	231 (1.5)	41 (1.2)	232 (1.6)	36 (1.4)	224 (1.7)
Maryland	30 (1.1)	210 (2.1)	41 (1.3)	216 (1.8)	29 (1.2)	206 (2.4)
Massachusetts	33 (1.2)	225 (1.8)	40 (1.1)<	226 (1.6)	27 (1.2)	218 (1.9)
Minnesota	29 (1.2)>	222 (1.8)	41 (0.9)	223 (1.6)	30 (1.0)	211 (2.3)
Mississippi	39 (1.1)	204 (1.7)	36 (1.0)	205 (1.9)	25 (1.1)	195 (2.4)
Missouri	35 (1.1)	220 (2.1)	35 (1.2)	220 (1.7)	31 (1.1)	212 (2.2)
Montana†	32 (1.3)	226 (1.8)	37 (1.2)	228 (1.8)	31 (1.1)	214 (1.9)
Nebraska†	30 (1.1)<	223 (2.1)	40 (1.2)	224 (1.6)	29 (1.1)>	212 (2.0)
New Hampshire†	28 (1.3)	225 (2.3)	41 (1.5)	229 (1.5)	31 (1.4)	216 (2.2)
New Jersey	35 (1.2)	220 (1.7)	40 (1.1)	225 (1.6)	25 (0.9)	212 (2.1)
New Mexico	31 (1.1)	207 (2.5)	35 (1.0)	209 (1.9)	34 (1.1)	199 (2.4)
New York	38 (1.3)>	210 (1.8)	37 (1.2)	216 (1.7)	25 (1.4)	209 (2.1)
North Carolina	37 (1.0)	218 (1.7)	39 (1.1)	218 (1.8)	24 (1.1)	207 (2.3)
North Dakota	34 (1.1)	230 (1.5)	38 (1.3)	229 (1.4)	28 (1.2)	216 (2.1)
Pennsylvania†	32 (1.0)	217 (1.9)	41 (1.1)	218 (1.9)<	27 (0.9)	212 (2.3)
Rhode Island†	34 (1.1)	224 (1.5)>	40 (1.2)	225 (1.7)	27 (1.1)	212 (1.9)
South Carolina	37 (1.1)	205 (1.9)<	37 (1.1)	207 (1.8)<	26 (1.1)	200 (1.7)
Tennessee†	37 (1.3)	213 (2.2)	37 (1.3)	217 (2.1)	26 (1.4)	205 (2.5)
Texas	32 (1.2)	214 (2.4)	38 (1.1)	216 (2.1)	30 (0.9)	209 (2.3)
Utah	28 (1.0)	220 (1.9)	39 (1.0)	222 (1.5)	33 (1.2)	211 (1.6)
Virginia	34 (1.1)	213 (1.8)<	38 (1.0)	218 (1.9)<	27 (1.0)	210 (2.1)
Washington	29 (1.1)	214 (1.9)	40 (0.9)	218 (1.7)	32 (1.1)	207 (2.0)
West Virginia	33 (0.9)<	219 (1.6)	40 (1.2)	215 (1.4)	27 (1.0)	204 (1.8)
Wisconsin†	30 (1.2)	225 (1.6)	39 (1.3)	228 (1.4)	31 (1.2)	219 (1.9)
Wyoming	32 (1.1)	223 (1.6)	36 (1.1)	225 (1.5)	31 (1.1)	216 (1.7)
Other Jurisdictions						
DoDEA Overseas	36 (1.2)	220 (1.3)	36 (1.1)	220 (1.3)	28 (1.0)	212 (1.6)
Guam	35 (1.0)>>	184 (1.9)	33 (1.2)<	187 (1.5)	32 (1.0)	175 (2.3)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 33

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Ask Students To Talk With Each Other About Their Reading**

How often do you ask students to talk with each other about what they have read?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	32 (2.6)	215 (2.2)	49 (3.0)	218 (1.7)	19 (2.7)	213 (2.9)
Northeast	40 (7.2)	219 (6.2)	45 (6.3)	221 (3.7)	15 (5.5)	212 (5.1)!
Southeast	33 (3.9)	207 (2.5)	45 (4.2)	217 (4.9)	22 (4.1)	211 (4.6)!
Central	22 (4.2)	222 (3.4)!	55 (6.8)	221 (2.9)	22 (6.8)	215 (4.0)!
West	35 (5.6)	211 (4.2)!	48 (5.9)	214 (3.2)	17 (3.6)	214 (6.8)
States						
Alabama	24 (3.0)	202 (3.5)	47 (3.7)	209 (2.3)	29 (3.1)	210 (2.5)
Arizona	33 (3.0)	212 (2.0)	49 (3.1)	208 (1.6)	18 (2.4)	208 (2.7)
Arkansas	19 (2.9)	212 (3.5)	46 (3.5)	211 (1.8)	35 (3.4)	210 (2.5)
California	39 (3.5)	208 (3.9)	48 (3.1)	200 (3.0)	13 (2.0)	196 (4.2)
Colorado	39 (3.2)	218 (2.1)	49 (3.3)	216 (1.4)	11 (1.6)	219 (2.9)
Connecticut	43 (3.2)	226 (2.0)	44 (3.0)	223 (1.8)	14 (2.4)	218 (4.8)
Delaware†	31 (1.0)	213 (1.5)	49 (1.2)	214 (1.2)	20 (0.7)	214 (1.7)
Florida	35 (2.9)	210 (2.0)	51 (2.6)	207 (1.9)	14 (1.8)	211 (2.8)
Georgia	39 (3.0)	213 (2.1)	49 (2.8)	212 (2.1)	12 (2.6)	210 (4.7)!
Hawaii	30 (2.7)	203 (2.6)	48 (2.9)	204 (2.1)	23 (2.5)	200 (2.9)
Indiana	25 (2.8)	220 (3.1)	53 (3.2)	221 (1.3)	22 (3.0)	223 (2.4)
Iowa	28 (3.4)	228 (1.7)	51 (3.2)	224 (1.3)	21 (2.8)	226 (2.4)
Kentucky	29 (3.6)	212 (2.7)	46 (4.1)	213 (1.8)	25 (3.6)	212 (1.7)
Louisiana	24 (2.4)	202 (2.8)	51 (3.1)	206 (1.7)	26 (3.1)	203 (2.6)
Maine†	29 (3.7)	228 (2.1)	55 (3.7)	226 (1.6)	16 (2.6)	228 (2.7)
Maryland	50 (3.0)	213 (1.8)	40 (3.3)	209 (3.1)	11 (1.8)	212 (4.5)
Massachusetts	32 (3.6)	228 (2.2)	45 (3.6)	228 (1.6)	23 (3.2)	221 (2.3)
Minnesota	24 (3.5)	223 (2.5)	50 (3.6)	220 (1.7)	26 (3.1)	218 (3.1)
Mississippi	24 (3.1)	195 (3.3)	55 (3.6)	199 (1.8)	21 (2.9)	206 (2.3)
Missouri	32 (3.3)	219 (3.0)	43 (3.2)	219 (1.8)	25 (3.2)	225 (2.2)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	34 (3.5)	218 (2.2)	54 (3.9)	223 (1.4)	13 (2.8)	223 (3.9)!
New Hampshire†	36 (3.0)	227 (1.5)	51 (3.1)	229 (1.8)	13 (2.1)	227 (2.7)
New Jersey†	32 (3.8)	225 (3.4)	41 (3.9)	224 (2.5)	27 (3.5)	221 (2.5)
New Mexico	29 (3.5)	209 (2.5)	56 (4.2)	213 (2.6)	15 (3.1)	207 (4.8)!
New York†	42 (3.0)	214 (2.4)	42 (2.5)	214 (2.7)	16 (2.3)	219 (2.9)
North Carolina	34 (2.8)	213 (1.9)	52 (3.0)	211 (1.7)	14 (2.1)	211 (3.4)
North Dakota	25 (3.7)	226 (2.6)	45 (4.1)	226 (1.4)	30 (3.7)	224 (2.6)
Pennsylvania	30 (3.1)	220 (2.3)	48 (3.2)	222 (1.9)	22 (2.6)	217 (3.5)
Rhode Island	41 (3.6)	216 (3.1)	42 (3.1)	218 (2.3)	17 (2.4)	217 (3.8)
South Carolina	25 (2.8)	209 (2.5)	53 (3.1)	209 (1.7)	22 (3.1)	214 (2.8)
Tennessee	26 (2.9)	208 (2.9)	50 (3.6)	213 (2.2)	24 (3.0)	213 (2.5)
Texas	31 (3.1)	214 (2.7)	50 (3.7)	214 (2.4)	19 (2.6)	217 (2.5)
Utah	31 (3.3)	219 (2.3)	49 (3.1)	222 (1.3)	19 (2.3)	217 (2.0)
Virginia	36 (2.9)	222 (2.3)	48 (3.0)	221 (1.8)	16 (2.1)	223 (3.2)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	27 (3.3)	218 (2.0)	46 (3.5)	214 (2.0)	27 (3.1)	214 (2.7)
Wisconsin	30 (3.4)	222 (2.1)	52 (3.6)	224 (1.3)	17 (3.3)	226 (2.9)!
Wyoming	34 (3.2)	225 (1.7)	48 (3.8)	223 (1.6)	18 (2.9)	222 (2.3)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	34 (1.0)	180 (2.6)	48 (1.1)	181 (1.7)	18 (0.8)	184 (2.4)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 33

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Frequency They Ask Students To Talk With Each Other About Their Reading***

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

How often do you ask students to talk with each other about what they have read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	34 (2.5)	211 (2.2)	48 (2.5)	215 (1.5)	18 (1.8)	215 (2.9)
Northeast	46 (4.9)	211 (5.3)	36 (5.2)	211 (4.3)	18 (3.5)	217 (7.3)
Southeast	32 (4.6)	201 (5.0)	47 (4.8)	212 (2.2)	21 (3.7)	210 (4.6)
Central	25 (4.8)	217 (3.4)	52 (6.1)	221 (3.5)	23 (3.6)	217 (5.5)
West	34 (5.1)	213 (3.6)	55 (4.1)	213 (2.1)	11 (3.5)	216 (7.0)!
States						
Alabama	29 (3.2)	206 (3.0)	48 (3.6)	209 (1.9)	23 (3.1)	210 (3.0)
Arizona	40 (2.7)	209 (2.6)	44 (2.6)	206 (2.3)	16 (1.9)	202 (3.8)
Arkansas	24 (2.6)	209 (3.3)	49 (3.1)	207 (2.3)	27 (3.0)	213 (2.9)
California	38 (4.0)	198 (3.3)	50 (4.3)	197 (2.4)	12 (2.4)	203 (5.2)!
Colorado	37 (2.8)	212 (2.1)	50 (2.9)	216 (1.7)	12 (1.9)	212 (3.7)
Connecticut	42 (3.7)	226 (2.3)	41 (3.2)	221 (2.8)	16 (2.7)	217 (5.1)
Delaware	36 (1.2)	209 (1.4)	46 (0.9)	208 (1.9)	17 (0.9)	199 (2.3)
Florida	34 (2.8)	202 (3.3)	49 (2.7)	206 (1.9)	17 (1.8)	207 (2.6)
Georgia	33 (2.9)	205 (5.6)	51 (3.0)	210 (2.3)	16 (2.0)	209 (3.8)
Hawaii	35 (2.4)	200 (2.6)	50 (2.3)	200 (2.1)	15 (1.8)	204 (3.7)
Indiana	23 (2.9)	227 (1.9)	53 (3.2)	221 (1.4)	24 (2.8)	211 (3.7)
Iowa	31 (3.3)	222 (2.3)	57 (3.4)	225 (1.9)	12 (2.5)	218 (2.9)!
Kentucky	32 (3.4)	211 (2.8)	51 (3.4)	211 (1.9)	17 (2.4)	215 (3.9)
Louisiana	23 (2.8)	191 (3.6)	53 (2.9)	199 (2.1)	24 (2.7)	199 (3.4)
Maine	32 (2.8)	230 (1.9)	49 (3.4)	228 (1.8)	19 (2.4)	228 (2.7)
Maryland	48 (3.9)	217 (2.9)	44 (3.8)	204 (2.3)	8 (1.5)	203 (5.2)
Massachusetts	35 (3.2)	223 (2.5)	46 (3.5)	224 (1.8)	20 (2.6)	224 (2.6)
Minnesota	33 (3.6)	219 (2.6)	52 (3.6)	220 (1.6)	15 (2.2)	216 (2.8)
Mississippi	25 (2.7)	199 (3.3)	54 (3.3)	203 (2.5)	21 (2.8)	202 (3.5)
Missouri	35 (3.0)	219 (2.8)	40 (3.0)	215 (2.0)	24 (3.0)	216 (2.4)
Montana†	39 (3.7)	222 (2.0)	43 (3.1)	223 (1.6)	18 (2.5)	222 (2.7)
Nebraska†	41 (3.4)	224 (2.1)	50 (3.4)	217 (2.1)	9 (2.2)	218 (3.8)!
New Hampshire†	38 (3.0)	223 (2.4)	48 (3.1)	223 (1.7)	14 (1.7)	224 (2.7)
New Jersey	40 (3.0)	223 (2.0)	41 (2.9)	218 (2.4)	19 (3.1)	221 (4.0)
New Mexico	37 (2.6)	205 (2.6)	50 (2.9)	204 (2.1)	13 (1.7)	206 (4.2)
New York	42 (2.7)	209 (2.6)	40 (3.2)	215 (2.0)	18 (2.2)	212 (3.8)
North Carolina	36 (3.2)	210 (2.1)	46 (3.3)	215 (2.3)	18 (2.3)	219 (3.5)
North Dakota	31 (3.7)	225 (1.9)	43 (3.9)	226 (2.1)	26 (3.4)	225 (2.4)
Pennsylvania†	40 (4.0)	218 (2.4)	44 (3.5)	215 (2.8)	17 (2.4)	211 (4.0)
Rhode Island†	37 (4.2)	219 (2.0)	46 (3.5)	221 (1.8)	16 (3.1)	221 (3.0)!
South Carolina	28 (3.1)	203 (3.3)	50 (3.3)	204 (1.9)	21 (2.7)	203 (2.6)
Tennessee†	22 (3.9)	212 (4.0)	52 (4.5)	214 (2.1)	26 (3.9)	211 (3.3)
Texas	38 (2.8)	211 (2.8)	48 (2.6)	214 (2.3)	14 (1.8)	211 (5.3)
Utah	27 (2.7)	214 (2.8)	52 (2.5)	219 (1.7)	21 (2.6)	217 (2.6)
Virginia	38 (2.8)	212 (2.3)	49 (2.9)	214 (2.1)	14 (1.9)	213 (3.4)
Washington	31 (3.1)	215 (1.8)	51 (3.3)	214 (1.7)	18 (2.8)	208 (3.5)
West Virginia	34 (4.1)	215 (1.9)	50 (3.8)	212 (1.7)	16 (2.7)	214 (2.0)
Wisconsin†	34 (3.3)	225 (2.0)	48 (3.4)	224 (1.6)	18 (2.9)	223 (2.3)
Wyoming	39 (2.9)	223 (1.5)	47 (3.6)	221 (1.7)	15 (2.7)	217 (3.6)
Other Jurisdictions						
DoDEA Overseas	53 (2.5)	217 (1.2)	37 (2.6)	217 (1.6)	10 (1.7)	218 (2.8)
Guam	45 (0.8)	182 (2.3)	41 (1.0)	179 (1.8)	15 (0.7)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 34

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them To Talk About Their Reading With Each Other***

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

How often are you asked to talk to other students about what you have read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	17 (0.7)	202 (2.0)	30 (0.6)	213 (1.4)	53 (0.9)	218 (1.3)
Northeast	19 (1.2)	202 (4.2)	30 (0.9)	212 (2.6)	51 (1.7)	218 (2.8)
Southeast	18 (1.2)	193 (3.6)	29 (0.8)	209 (3.1)	53 (1.4)	213 (2.0)
Central	15 (1.1)	208 (3.2)	31 (1.5)	218 (3.8)	54 (2.2)	222 (2.8)
West	18 (1.6)	204 (4.4)	30 (1.3)	211 (2.0)	53 (2.0)	218 (2.3)
States						
Alabama	20 (0.8)	197 (2.2)	30 (0.8)	209 (1.7)	50 (1.0)	213 (1.7)
Arizona	18 (0.8)	195 (3.0)	29 (1.0)	209 (2.6)	53 (1.1)	210 (1.7)
Arkansas	17 (0.9)	197 (2.9)	27 (1.1)	209 (1.9)	56 (1.4)	212 (1.8)
California	20 (1.0)	190 (2.8)	33 (1.3)	195 (2.3)	47 (1.4)	204 (1.9)
Colorado	17 (0.9)	205 (2.3)	32 (1.1)	214 (1.8)	50 (1.1)	217 (1.6)
Connecticut	15 (0.7)	209 (3.0)	31 (1.2)	223 (1.9)	55 (1.4)	227 (1.6)
Delaware	19 (1.1)	196 (2.4)	29 (0.9)	203 (1.8)	52 (1.2)	214 (1.3)
Florida	18 (0.9)	192 (2.5)	29 (1.0)	203 (2.3)	52 (1.1)	212 (1.9)
Georgia	21 (1.0)	191 (3.1)	29 (0.9)	208 (2.8)	50 (1.3)	214 (2.6)
Hawaii	17 (0.9)	190 (3.0)	33 (0.9)	202 (2.0)	50 (1.1)	206 (1.8)
Indiana	16 (0.8)	212 (1.6)	29 (1.0)	221 (1.9)	55 (1.2)	222 (1.6)
Iowa	14 (0.9)	217 (2.7)	33 (1.0)	221 (1.6)	53 (1.3)	226 (1.6)
Kentucky	21 (0.9)	206 (1.6)	33 (1.0)	212 (2.2)	46 (1.5)	215 (1.9)
Louisiana	23 (1.0)	187 (2.0)	27 (1.1)	195 (1.8)	50 (1.4)	203 (1.5)
Maine	10 (0.7)	221 (3.2)	27 (1.1)	226 (2.0)	62 (1.1)	231 (1.4)
Maryland	20 (0.8)	203 (2.8)	31 (1.0)	213 (2.1)	49 (1.1)	214 (1.8)
Massachusetts	16 (0.9)	213 (2.5)	28 (1.2)	221 (1.8)	56 (1.2)	227 (1.4)
Minnesota	13 (0.8)	213 (3.0)	31 (1.1)	219 (1.7)	56 (1.4)	220 (1.4)
Mississippi	24 (1.0)	193 (2.2)	28 (1.1)	200 (2.0)	49 (1.1)	207 (1.7)
Missouri	16 (0.8)	207 (2.9)	29 (0.9)	218 (2.1)	55 (1.0)	220 (1.4)
Montana†	13 (0.8)	218 (2.5)	28 (0.9)	221 (1.9)	59 (1.2)	225 (1.6)
Nebraska†	15 (0.9)	210 (2.7)	32 (1.2)	222 (1.8)	53 (1.5)	223 (1.7)
New Hampshire†	13 (0.8)	217 (3.6)	30 (1.3)	221 (2.0)	58 (1.6)	227 (1.6)
New Jersey	18 (0.8)	208 (1.9)	30 (1.2)	218 (1.7)	52 (1.3)	225 (1.5)
New Mexico	17 (0.8)	195 (2.9)	29 (1.1)	203 (2.3)	54 (1.2)	209 (1.7)
New York	22 (1.0)	199 (2.7)	30 (1.0)	213 (2.1)	48 (1.3)	218 (1.7)
North Carolina	19 (0.9)	203 (2.1)	33 (0.9)	215 (1.6)	48 (1.1)	219 (1.9)
North Dakota	12 (0.8)	217 (2.5)	28 (1.3)	224 (1.5)	60 (1.5)	228 (1.3)
Pennsylvania†	18 (1.1)	204 (2.8)	32 (1.2)	216 (1.9)	50 (1.7)	221 (1.5)
Rhode Island†	17 (1.0)	208 (2.3)	32 (0.9)	223 (1.9)	51 (1.1)	224 (1.5)
South Carolina	22 (1.0)	193 (2.1)	30 (0.9)	204 (1.7)	48 (1.2)	210 (1.6)
Tennessee†	17 (1.0)	199 (2.1)	29 (0.9)	211 (2.7)	54 (1.1)	219 (2.0)
Texas	17 (1.0)	201 (2.5)	32 (1.0)	213 (2.4)	51 (1.4)	218 (1.9)
Utah	13 (0.6)	209 (2.4)	27 (1.0)	217 (1.6)	60 (1.1)	220 (1.5)
Virginia	18 (1.0)	204 (1.9)	33 (1.1)	212 (1.8)	50 (1.4)	219 (1.6)
Washington	16 (0.9)	206 (2.6)	30 (0.8)	211 (1.8)	54 (1.2)	217 (1.8)
West Virginia	17 (0.8)	202 (2.4)	30 (1.0)	216 (1.5)	53 (1.2)	215 (1.4)
Wisconsin†	15 (0.7)	218 (2.3)	32 (1.[illegible])	225 (1.6)	53 (1.3)	226 (1.2)
Wyoming	17 (0.9)	218 (1.8)	29 (1.0)	221 (1.6)	54 (1.2)	223 (1.4)
Other Jurisdictions						
DoDEA Overseas	20 (0.8)	212 (1.6)	32 (1.0)	219 (1.4)	47 (1.1)	220 (1.1)
Guam	23 (0.9)	176 (1.9)	32 (1.0)	179 (1.7)	45 (1.1)	187 (1.8)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 35 — 1992 READING ASSESSMENT

POPULATION: 1992 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
TEACHERS' REPORTS ON: Frequency They Assign Reading Group Activities or Projects

How often do you ask students to do a reading group activity or project about what they have read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	3 (0.8)	220 (4.5)!	21 (2.4)	218 (2.3)	76 (-2.5)	215 (1.5)
Northeast	3 (2.4)	*** (***)	22 (4.2)	220 (6.3)!	75 (4.6)	218 (3.9)
Southeast	2 (0.8)	*** (***)	17 (2.9)	210 (4.4)	80 (2.9)	213 (3.4)
Central	4 (1.6)	*** (***)	26 (6.0)	223 (3.1)!	70 (6.5)	219 (2.4)
West	4 (1.4)	*** (***)	17 (4.3)	215 (5.7)!	80 (4.4)	212 (2.5)
States						
Alabama	1 (0.6)	*** (***)	15 (2.5)	207 (4.8)	84 (2.7)	208 (1.8)
Arizona	4 (1.5)	207 (7.1)!	23 (2.9)	211 (2.9)	72 (2.9)	209 (1.3)
Arkansas	2 (0.9)	*** (***)	10 (2.0)	212 (3.9)	87 (2.0)	211 (1.4)
California	4 (1.2)	200 (9.4)!	35 (4.2)	205 (3.4)	61 (4.1)	202 (2.7)
Colorado	6 (1.5)	219 (9.3)!	27 (2.8)	218 (1.8)	67 (3.0)	217 (1.4)
Connecticut	3 (0.9)	*** (***)	19 (2.5)	227 (3.3)	79 (2.5)	222 (1.7)
Delaware†	4 (0.6)	222 (4.9)	21 (0.6)	221 (2.3)	75 (0.9)	211 (0.6)
Florida	5 (1.4)	208 (4.9)!	27 (3.1)	206 (2.6)	68 (3.2)	209 (1.4)
Georgia	3 (1.2)	224 (5.3)!	28 (2.7)	217 (2.7)	69 (2.9)	209 (1.7)
Hawaii	4 (1.1)	211 (7.9)!	19 (2.3)	201 (3.7)	77 (2.4)	203 (1.8)
Indiana	1 (0.5)	*** (***)	18 (2.5)	222 (2.5)	81 (2.5)	221 (1.5)
Iowa	2 (0.7)	*** (***)	22 (2.3)	226 (1.6)	76 (2.4)	225 (1.3)
Kentucky	3 (1.0)	*** (***)	14 (2.8)	213 (2.9)	83 (3.0)	212 (1.3)
Louisiana	2 (0.9)	*** (***)	11 (1.8)	208 (4.1)	87 (2.0)	204 (1.3)
Maine†	1 (0.6)	*** (***)	20 (3.3)	229 (1.8)	78 (3.4)	226 (1.5)
Maryland	5 (1.1)	203 (7.3)!	23 (2.8)	210 (3.4)	72 (3.0)	212 (1.9)
Massachusetts	3 (0.9)	216 (5.6)!	20 (3.0)	231 (3.1)	77 (3.2)	225 (1.2)
Minnesota	2 (1.7)	*** (***)	22 (2.9)	224 (2.1)	76 (3.1)	219 (1.8)
Mississippi	2 (0.9)	*** (***)	11 (1.9)	194 (4.7)	87 (2.0)	200 (1.5)
Missouri	3 (1.2)	*** (***)	18 (2.5)	220 (2.9)	79 (2.8)	221 (1.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	3 (1.1)	221 (4.7)!	29 (3.4)	224 (2.5)	68 (3.6)	220 (1.4)
New Hampshire†	3 (1.0)	*** (***)	23 (3.0)	227 (2.5)	74 (3.2)	229 (1.4)
New Jersey†	3 (1.2)	*** (***)	16 (2.8)	227 (3.0)	81 (3.1)	223 (1.7)
New Mexico	3 (1.2)	*** (***)	26 (3.3)	209 (2.2)	71 (3.5)	212 (2.4)
New York†	5 (1.3)	201 (7.5)!	20 (2.4)	216 (2.4)	75 (2.9)	216 (1.6)
North Carolina	2 (0.8)	*** (***)	21 (2.6)	215 (2.5)	76 (2.8)	211 (1.4)
North Dakota	3 (1.1)	*** (***)	16 (3.1)	225 (2.4)	81 (3.1)	226 (1.4)
Pennsylvania	2 (0.8)	*** (***)	19 (2.8)	220 (3.4)	79 (3.0)	220 (1.3)
Rhode Island	3 (1.1)	*** (***)	23 (2.8)	218 (2.5)	74 (3.0)	217 (2.3)
South Carolina	2 (1.1)	*** (***)	18 (2.5)	218 (2.9)	80 (2.9)	208 (1.6)
Tennessee	2 (0.9)	*** (***)	15 (1.9)	211 (2.9)	82 (2.0)	212 (1.7)
Texas	2 (0.6)	*** (***)	20 (2.2)	215 (3.3)	77 (2.2)	214 (1.9)
Utah	6 (2.1)	226 (6.1)!	16 (2.3)	223 (2.5)	78 (2.8)	219 (1.3)
Virginia	3 (1.0)	219 (6.6)!	30 (2.5)	222 (2.5)	67 (2.8)	222 (1.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	1 (0.6)	*** (***)	14 (2.2)	221 (2.1)	85 (2.2)	214 (1.6)
Wisconsin	6 (1.5)	225 (3.6)!	21 (2.7)	222 (2.2)	73 (3.0)	224 (1.1)
Wyoming	2 (1.1)	*** (***)	22 (2.5)	224 (2.4)	76 (2.8)	223 (1.4)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	5 (0.5)	*** (***)	24 (1.0)	178 (2.5)	71 (1.0)	183 (1.7)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 35 1994 READING ASSESSMENT

THE NATION'S REPORT CARD
1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assign Reading Group Activities or Projects**

How often do you ask students to do a reading group activity or project about what they have read?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	5 (1.1)	207 (5.5)!	28 (2.4)	214 (2.0)	67 (2.3)	214 (1.3)
Northeast	3 (1.4)	*** (***)	27 (4.1)	211 (3.9)	70 (3.8)	213 (2.8)
Southeast	3 (1.2)	*** (***)	26 (5.4)	206 (4.5)	71 (5.2)	209 (2.7)
Central	5 (2.7)	220 (12.4)!	26 (5.5)	221 (4.7)!	68 (5.7)	218 (2.6)
West	7 (2.5)	199 (7.7)!	31 (4.2)	216 (2.9)	62 (3.5)	214 (2.5)
States						
Alabama	4 (1.0)	205 (7.5)!	27 (2.8)	210 (2.7)	70 (2.9)	208 (1.8)
Arizona	7 (1.4)	208 (6.0)!	29 (2.6)	207 (2.7)	64 (2.5)	206 (2.1)
Arkansas	1 (0.4)	*** (***)	24 (2.9)	214 (2.2)	75 (3.0)	207 (2.0)
California	5 (1.3)	187 (8.2)!	47 (3.7)	199 (2.6)	47 (3.6)	197 (2.5)
Colorado	5 (1.2)	209 (5.4)!	28 (2.6)	216 (2.1)	67 (3.1)	214 (1.7)
Connecticut	7 (0.9)	229 (4.7)	30 (3.3)	226 (2.9)	64 (3.2)	220 (2.2)
Delaware	7 (0.7)	219 (3.5)	32 (0.9)	209 (2.4)	61 (1.0)	204 (1.2)
Florida	4 (1.2)	209 (5.5)!	34 (2.4)	202 (3.2)	61 (2.4)	206 (1.9)
Georgia	3 (0.7)	223 (3.7)!	30 (2.9)	205 (3.1)	67 (3.0)	209 (2.8)
Hawaii	3 (0.7)	201 (7.2)!	28 (2.5)	205 (3.3)	69 (2.6)	199 (1.9)
Indiana	2 (0.8)	*** (***)	25 (3.3)	223 (2.6)	74 (3.5)	219 (1.7)
Iowa	6 (1.8)	232 (4.5)!	36 (3.8)	224 (2.4)	57 (3.6)	222 (1.2)
Kentucky	3 (1.3)	*** (***)	27 (3.3)	211 (4.0)	70 (3.3)	212 (1.8)
Louisiana	3 (1.8)	201 (11.7)!	26 (2.7)	197 (3.3)	71 (3.2)	197 (1.7)
Maine	4 (0.9)	233 (3.6)!	23 (2.7)	231 (2.3)	73 (2.7)	228 (1.4)
Maryland	5 (1.4)	204 (9.9)!	37 (2.7)	210 (2.6)	58 (2.8)	210 (1.9)
Massachusetts	5 (1.5)	215 (7.2)!	29 (3.4)	227 (3.0)	66 (3.3)	223 (1.6)
Minnesota	6 (1.2)	221 (4.9)!	33 (3.0)	217 (2.4)	62 (3.2)	219 (1.4)
Mississippi	3 (1.0)	190 (10.5)!	25 (2.8)	204 (2.8)	71 (2.9)	202 (1.9)
Missouri	3 (1.3)	*** (***)	32 (3.0)	220 (2.6)	65 (3.1)	215 (1.7)
Montana†	8 (1.5)	221 (4.6)	36 (3.1)	222 (2.0)	56 (3.4)	223 (1.4)
Nebraska†	7 (1.9)	223 (6.2)!	40 (3.7)	219 (2.5)	52 (3.9)	220 (2.1)
New Hampshire†	7 (1.6)	228 (5.3)!	31 (3.7)	220 (2.1)	63 (3.5)	224 (1.7)
New Jersey	6 (1.1)	228 (4.3)!	35 (3.7)	223 (2.4)	60 (3.9)	218 (2.1)
New Mexico	7 (1.6)	204 (6.5)!	29 (2.9)	209 (2.2)	64 (3.1)	203 (2.1)
New York	6 (1.4)	208 (10.0)!	27 (2.8)	206 (3.2)	67 (3.0)	215 (1.7)
North Carolina	7 (1.3)	211 (4.3)	32 (3.0)	216 (2.8)	62 (3.2)	213 (1.7)
North Dakota	6 (1.8)	229 (3.2)!	29 (3.6)	223 (2.2)	66 (3.7)	226 (1.5)
Pennsylvania†	4 (1.8)	*** (***)	35 (3.3)	221 (2.1)	61 (3.1)	213 (2.5)
Rhode Island†	6 (1.1)	226 (3.7)	28 (2.8)	221 (3.0)	66 (3.3)	219 (1.7)
South Carolina	5 (1.3)	208 (6.2)!	28 (3.5)	200 (2.9)	67 (3.6)	205 (1.7)
Tennessee†	3 (1.5)	*** (***)	19 (3.1)	214 (4.1)	78 (3.5)	212 (1.9)
Texas	4 (1.1)	208 (8.4)!	35 (3.3)	215 (2.8)	60 (3.2)	211 (2.5)
Utah	7 (1.6)	219 (2.8)!	30 (2.7)	222 (2.2)	63 (3.1)	215 (1.5)
Virginia	5 (1.2)	217 (6.1)!	29 (2.4)	214 (2.6)	67 (2.7)	213 (1.8)
Washington	6 (1.5)	217 (4.4)!	34 (2.8)	217 (2.3)	59 (2.6)	211 (1.8)
West Virginia	6 (1.5)	206 (5.1)!	28 (3.8)	215 (2.3)	66 (3.9)	213 (1.5)
Wisconsin†	5 (1.5)	228 (5.3)!	41 (3.3)	225 (1.4)	55 (3.1)	223 (1.7)
Wyoming	3 (1.0)	*** (***)	27 (2.3)	221 (2.0)	70 (2.3)	221 (1.6)
Other Jurisdictions						
DoDEA Overseas	8 (1.4)	221 (2.6)	34 (2.3)	217 (1.5)	58 (2.2)	217 (1.1)
Guam	15 (0.7)	185 (3.3)	32 (1.1)	184 (1.9)	52 (1.0)	177 (2.0)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 36

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **Frequency Their Teacher Assigns Reading Group Activities or Projects**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often are you asked to do a reading group activity or project about what you have read?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	15 (0.6)	198 (1.9)	24 (0.7)	209 (1.4)	61 (0.9)	220 (1.2)
Northeast	16 (1.4)	200 (5.1)	23 (1.9)	213 (2.6)	61 (2.3)	218 (2.5)
Southeast	16 (1.4)	193 (2.8)	26 (1.6)	205 (2.7)	58 (1.9)	215 (2.3)
Central	12 (1.2)	206 (4.2)	25 (1.3)	213 (3.0)	63 (1.6)	226 (2.8)
West	15 (0.8)	195 (3.2)	23 (1.1)	208 (2.8)	62 (1.2)	220 (2.0)
States						
Alabama	14 (0.9)	188 (2.5)	25 (0.8)	203 (2.1)	61 (1.2)	215 (1.5)
Arizona	16 (0.8)	193 (2.8)	27 (1.0)	203 (2.7)	57 (1.2)	214 (1.8)
Arkansas	13 (0.8)	189 (2.8)	24 (1.2)	203 (2.5)	63 (1.2)	216 (1.8)
California	16 (1.2)	186 (3.2)	30 (0.9)	194 (2.5)	54 (1.3)	207 (1.9)
Colorado	14 (1.0)	201 (2.8)	28 (1.0)	212 (1.6)	58 (1.4)	221 (1.5)
Connecticut	11 (0.7)	199 (3.8)	24 (1.2)	217 (2.8)	65 (1.3)	230 (1.1)
Delaware	17 (1.0)	193 (2.6)	23 (0.9)	204 (2.1)	60 (1.2)	215 (1.3)
Florida	16 (0.9)	186 (2.6)	25 (1.1)	199 (2.7)	60 (1.4)	215 (1.6)
Georgia	16 (1.2)	188 (2.8)	25 (0.9)	202 (2.3)	58 (1.6)	217 (2.5)
Hawaii	17 (0.7)	188 (2.6)	29 (0.9)	197 (2.6)	54 (1.2)	210 (1.5)
Indiana	12 (0.9)	203 (2.1)	25 (1.1)	218 (1.9)	63 (1.4)	225 (1.6)
Iowa	11 (0.7)	209 (3.0)	26 (1.2)	220 (1.5)	64 (1.4)	227 (1.3)
Kentucky	14 (0.9)	196 (2.5)	28 (0.9)	210 (2.2)	58 (1.2)	218 (1.7)
Louisiana	19 (1.2)	184 (2.6)	26 (1.0)	195 (2.1)	55 (1.5)	205 (1.4)
Maine	8 (0.8)	220 (2.7)	22 (1.1)	222 (2.0)	70 (1.3)	232 (1.3)
Maryland	17 (0.8)	196 (2.4)	26 (0.9)	206 (2.1)	57 (1.2)	220 (1.6)
Massachusetts	12 (0.9)	206 (2.9)	24 (1.0)	220 (2.0)	64 (1.5)	229 (1.3)
Minnesota	10 (0.7)	210 (3.3)	27 (1.1)	212 (1.8)	64 (1.4)	225 (1.3)
Mississippi	19 (0.9)	186 (2.2)	27 (1.1)	199 (2.2)	54 (1.3)	210 (1.6)
Missouri	14 (0.8)	199 (2.4)	25 (0.9)	214 (2.1)	61 (1.2)	224 (1.7)
Montana†	12 (0.9)	212 (2.5)	24 (1.0)	220 (1.6)	64 (1.3)	227 (1.5)
Nebraska†	11 (0.7)	204 (3.0)	28 (1.1)	216 (2.2)	61 (1.3)	227 (1.5)
New Hampshire†	9 (0.8)	208 (3.3)	22 (1.0)	220 (2.6)	68 (1.3)	228 (1.6)
New Jersey	13 (0.8)	204 (1.8)	25 (1.2)	216 (2.3)	63 (1.4)	225 (1.3)
New Mexico	14 (0.9)	193 (2.9)	26 (1.0)	198 (2.1)	59 (1.4)	212 (1.8)
New York	15 (0.9)	193 (2.8)	26 (0.9)	207 (1.9)	59 (1.4)	220 (1.5)
North Carolina	15 (0.9)	200 (2.3)	29 (1.1)	211 (1.8)	56 (1.5)	222 (1.8)
North Dakota	11 (0.9)	212 (2.4)	26 (1.2)	219 (2.1)	63 (1.5)	231 (1.2)
Pennsylvania†	14 (1.0)	199 (3.2)	28 (1.2)	214 (1.9)	58 (1.5)	223 (1.5)
Rhode Island†	13 (0.9)	207 (2.7)	26 (1.0)	216 (2.0)	61 (1.4)	226 (1.5)
South Carolina	17 (1.0)	187 (2.0)	26 (1.0)	199 (1.9)	57 (1.5)	213 (1.5)
Tennessee†	12 (0.8)	199 (2.7)	23 (1.3)	202 (2.7)	66 (1.6)	220 (1.8)
Texas	14 (0.9)	198 (2.9)	28 (1.1)	211 (2.2)	58 (1.4)	219 (2.1)
Utah	12 (0.7)	203 (2.4)	22 (1.0)	213 (2.0)	66 (1.2)	223 (1.2)
Virginia	17 (0.8)	199 (2.2)	25 (1.0)	208 (2.2)	59 (1.3)	221 (1.6)
Washington	14 (1.0)	201 (2.7)	25 (0.9)	211 (2.1)	61 (1.2)	219 (1.4)
West Virginia	13 (0.8)	203 (2.4)	27 (1.2)	208 (1.6)	60 (1.4)	219 (1.1)
Wisconsin†	11 (0.6)	213 (2.4)	28 (1.2)	222 (1.6)	61 (1.4)	229 (1.2)
Wyoming	13 (0.9)	210 (2.7)	27 (1.2)	218 (1.8)	60 (1.3)	226 (1.3)
Other Jurisdictions						
DoDEA Overseas	19 (0.8)	210 (1.6)	24 (1.1)	213 (1.6)	57 (1.2)	223 (1.0)
Guam	22 (0.8)	173 (2.6)	31 (0.9)	181 (1.9)	47 (1.2)	189 (1.6)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 37

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Ask Students to Read Aloud**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

How often do you ask students to read aloud?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	47 (2.9)	212 (1.6)	45 (2.5)	220 (1.8)	8 (1.7)	222 (4.1)!
Northeast	41 (6.9)	209 (2.6)!	49 (5.1)	225 (3.8)	10 (4.2)	229 (9.6)!
Southeast	58 (6.8)	208 (2.4)	35 (5.5)	218 (3.4)	7 (3.9)	*** (***)
Central	43 (4.6)	222 (2.6)	53 (4.3)	219 (3.5)	4 (1.1)	*** (***)
West	47 (5.6)	207 (4.3)	42 (4.7)	217 (3.7)	11 (4.4)	221 (5.5)!
States						
Alabama	56 (3.8)	208 (2.5)	42 (3.7)	207 (2.1)	1 (0.7)	*** (***)
Arizona	52 (2.6)	209 (1.5)	41 (2.6)	211 (2.3)	7 (1.4)	212 (3.9)!
Arkansas	40 (3.4)	208 (2.1)	55 (3.3)	212 (1.9)	5 (1.5)	220 (5.8)!
California	56 (3.3)	201 (2.8)	38 (3.1)	206 (3.5)	6 (1.3)	201 (7.9)!
Colorado	38 (2.8)	215 (1.7)	48 (3.0)	217 (1.6)	14 (2.1)	224 (3.0)
Connecticut	40 (3.1)	220 (2.2)	45 (3.0)	226 (1.9)	15 (2.4)	222 (3.4)
Delaware†	50 (0.9)	210 (1.0)	39 (0.7)	217 (1.2)	12 (0.9)	219 (3.0)
Florida	46 (2.7)	205 (2.2)	47 (2.7)	211 (1.7)	7 (1.6)	212 (5.4)!
Georgia	59 (3.1)	211 (2.2)	39 (3.0)	213 (2.1)	2 (0.8)	217 (9.0)!
Hawaii	42 (2.5)	199 (2.4)	50 (2.6)	204 (2.3)	8 (1.5)	213 (3.6)!
Indiana	52 (3.2)	219 (1.7)	40 (3.2)	223 (1.9)	7 (1.5)	229 (4.3)!
Iowa	37 (3.5)	225 (1.7)	50 (3.2)	226 (1.4)	13 (2.4)	225 (2.5)!
Kentucky	50 (3.4)	211 (1.6)	41 (3.4)	214 (2.2)	9 (2.0)	215 (3.1)!
Louisiana	54 (3.8)	201 (1.7)	40 (3.7)	207 (1.9)	6 (1.4)	208 (5.1)!
Maine†	36 (3.2)	224 (2.3)	51 (3.5)	228 (1.5)	13 (2.6)	230 (3.2)!
Maryland	46 (3.1)	209 (2.1)	44 (3.0)	211 (2.9)	10 (2.2)	222 (4.6)!
Massachusetts	48 (3.9)	224 (1.9)	44 (3.3)	229 (1.6)	7 (1.8)	228 (3.3)!
Minnesota	39 (3.6)	218 (2.3)	53 (3.2)	222 (1.6)	8 (1.7)	221 (4.4)!
Mississippi	59 (3.5)	197 (1.8)	39 (3.6)	202 (2.4)	2 (0.7)	*** (***)
Missouri	51 (3.4)	219 (1.7)	40 (3.5)	222 (1.8)	9 (1.9)	226 (4.5)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	41 (3.9)	221 (1.9)	48 (3.4)	221 (1.5)	12 (2.2)	224 (2.7)!
New Hampshire†	42 (3.2)	226 (1.8)	48 (3.1)	229 (1.5)	11 (2.1)	233 (3.5)!
New Jersey†	42 (3.8)	218 (2.1)	51 (3.5)	227 (2.3)	7 (1.7)	227 (4.0)!
New Mexico	60 (3.5)	211 (2.1)	36 (3.6)	211 (2.8)	4 (1.3)	212 (6.0)!
New York†	64 (3.8)	212 (1.9)	31 (3.6)	219 (2.2)	5 (1.2)	225 (4.3)!
North Carolina	57 (3.3)	209 (1.7)	38 (3.1)	214 (1.8)	5 (1.6)	216 (6.9)!
North Dakota	53 (3.2)	224 (1.7)	44 (3.3)	226 (1.9)	3 (1.1)	*** (***)
Pennsylvania	43 (3.1)	216 (1.8)	49 (3.1)	223 (2.2)	8 (1.7)	228 (4.5)!
Rhode Island	42 (3.3)	213 (3.5)	47 (3.6)	220 (2.0)	10 (2.6)	220 (5.8)!
South Carolina	55 (3.7)	208 (2.1)	38 (3.4)	212 (1.8)	7 (1.4)	213 (4.5)!
Tennessee	49 (3.7)	210 (1.9)	47 (3.6)	214 (2.3)	4 (1.3)	210 (3.8)!
Texas	54 (3.3)	211 (2.3)	39 (3.0)	215 (2.4)	7 (1.8)	232 (5.9)!
Utah	55 (3.2)	220 (1.6)	39 (3.0)	221 (1.4)	6 (1.4)	223 (4.0)!
Virginia	56 (2.8)	220 (1.8)	36 (2.6)	223 (2.3)	9 (1.8)	226 (2.1)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	54 (4.1)	215 (1.9)	45 (4.1)	214 (2.0)	1 (0.7)	*** (***)
Wisconsin	38 (3.4)	220 (1.8)	55 (3.5)	226 (1.3)	7 (1.7)	226 (3.2)!
Wyoming	47 (3.4)	222 (1.7)	41 (3.4)	223 (1.8)	12 (2.4)	228 (2.1)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	50 (0.9)	180 (2.0)	40 (1.1)	183 (2.1)	10 (0.7)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 37

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Ask Students to Read Aloud***

THE NATION'S REPORT CARD naep
1992 1994 Reading Assessment

How often do you ask students to read aloud?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	57 (2.4)	210 (1.5)	38 (2.3)	217 (1.6)	5 (1.1)	228 (5.0)!
Northeast	58 (5.3)	209 (2.4)	38 (5.5)	216 (2.8)	4 (1.9)	*** (***)
Southeast	55 (4.3)	206 (2.5)	41 (4.0)	210 (3.7)	4 (1.8)	224 (4.5)!
Central	60 (5.2)	215 (3.7)	33 (5.0)	223 (4.0)	7 (3.4)	238 (8.7)!
West	54 (4.5)	209 (3.0)	41 (3.8)	218 (2.8)	5 (1.4)	225 (9.2)!
States						
Alabama	57 (3.3)	205 (2.1)	41 (3.2)	213 (2.1)	2 (1.0)	212 (7.0)!
Arizona	60 (2.9)	203 (2.5)	34 (3.0)	210 (2.7)	6 (0.9)	220 (5.6)
Arkansas	54 (3.7)	206 (2.3)	42 (3.5)	212 (2.1)	4 (1.4)	213 (4.3)!
California	59 (3.8)	196 (2.3)	33 (3.6)	200 (3.1)	8 (1.9)	205 (9.2)!
Colorado	44 (3.1)	209 (1.9)	40 (3.3)	216 (2.0)	16 (2.4)	223 (2.9)
Connecticut	53 (3.3)	217 (2.3)	40 (3.1)	229 (2.3)	8 (1.5)	227 (6.9)
Delaware	53 (1.0)	203 (1.7)	39 (1.0)	209 (2.2)	8 (0.9)	218 (3.1)
Florida	56 (3.3)	202 (2.3)	39 (3.1)	207 (2.4)	5 (1.1)	217 (5.7)!
Georgia	61 (2.8)	206 (2.7)	35 (2.5)	209 (3.1)	5 (1.4)	226 (6.8)!
Hawaii	52 (2.0)	199 (2.0)	43 (2.0)	202 (2.4)	5 (1.2)	215 (4.4)!
Indiana	52 (4.1)	218 (1.7)	38 (3.6)	222 (2.2)	10 (2.0)	225 (4.3)!
Iowa	44 (4.1)	221 (2.3)	46 (4.3)	223 (1.7)	10 (2.3)	231 (4.9)!
Kentucky	51 (3.1)	211 (2.4)	42 (2.9)	212 (1.9)	7 (1.7)	214 (5.0)!
Louisiana	56 (3.8)	195 (2.2)	40 (3.8)	198 (2.7)	4 (1.3)	212 (4.5)!
Maine	34 (2.8)	227 (1.6)	43 (3.2)	229 (1.9)	23 (2.9)	231 (1.9)
Maryland	45 (3.4)	209 (2.4)	45 (3.0)	209 (2.3)	10 (2.3)	218 (4.9)!
Massachusetts	55 (3.4)	221 (2.0)	38 (3.3)	227 (2.4)	7 (1.5)	222 (3.6)!
Minnesota	52 (3.4)	217 (2.2)	41 (3.2)	220 (1.8)	7 (1.5)	224 (3.9)!
Mississippi	63 (3.1)	200 (2.2)	34 (2.8)	202 (2.3)	3 (1.3)	227 (5.9)!
Missouri	57 (3.7)	216 (2.2)	35 (3.0)	217 (2.1)	7 (1.8)	221 (6.5)!
Montana†	58 (3.2)	221 (1.7)	35 (3.1)	223 (1.9)	6 (1.7)	233 (3.4)!
Nebraska†	53 (4.0)	217 (2.2)	40 (4.3)	221 (2.1)	7 (2.2)	230 (4.4)!
New Hampshire†	48 (4.2)	223 (2.0)	47 (4.3)	224 (2.1)	5 (1.1)	218 (4.4)!
New Jersey	57 (3.2)	218 (1.9)	37 (2.9)	222 (2.5)	6 (1.7)	234 (4.5)!
New Mexico	57 (2.9)	204 (2.2)	37 (2.7)	206 (2.5)	6 (1.3)	206 (6.0)!
New York	63 (3.0)	209 (1.9)	31 (2.7)	215 (2.4)	6 (1.4)	223 (7.2)!
North Carolina	65 (3.3)	210 (1.8)	30 (3.1)	219 (2.5)	5 (1.3)	227 (6.9)!
North Dakota	67 (3.2)	225 (1.5)	30 (3.1)	226 (2.1)	3 (0.9)	*** (***)
Pennsylvania†	57 (3.9)	216 (2.1)	39 (3.5)	215 (2.5)	4 (1.6)	*** (***)
Rhode Island†	43 (3.7)	220 (2.1)	49 (2.7)	219 (1.9)	8 (1.6)	228 (3.5)
South Carolina	63 (3.0)	204 (1.7)	31 (3.1)	202 (2.4)	6 (1.8)	212 (5.6)!
Tennessee†	55 (3.9)	211 (2.6)	43 (3.9)	215 (2.5)	2 (0.6)	*** (***)
Texas	50 (3.3)	208 (2.6)	41 (3.7)	215 (3.2)	9 (2.5)	228 (4.7)!
Utah	53 (3.0)	214 (2.0)	39 (2.9)	219 (1.2)	8 (1.8)	233 (3.3)!
Virginia	57 (2.8)	211 (1.9)	34 (2.6)	216 (2.2)	9 (1.7)	222 (5.5)
Washington	47 (2.6)	211 (2.3)	44 (2.9)	215 (2.0)	9 (1.5)	218 (3.2)
West Virginia	61 (3.7)	214 (1.3)	35 (3.4)	212 (2.2)	3 (1.4)	*** (***)
Wisconsin†	45 (3.2)	223 (1.8)	45 (3.1)	224 (1.4)	11 (1.7)	228 (3.6)
Wyoming	53 (2.9)	218 (1.5)	42 (3.0)	224 (1.6)	5 (1.1)	226 (5.1)!
Other Jurisdictions						
DoDEA Overseas	58 (2.3)	216 (1.2)	35 (2.7)	218 (1.4)	7 (1.6)	221 (2.7)!
Guam	65 (1.0)	180 (1.6)	33 (1.0)	183 (1.9)	3 (0.3)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 38

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them To Read Aloud***

How often are you asked to read aloud?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	45 (1.2)	215 (1.3)	30 (0.8)	218 (1.4)	25 (1.0)	209 (1.9)
Northeast	43 (2.0)	212 (2.8)	29 (1.6)	220 (2.6)	28 (1.9)	213 (3.8)
Southeast	47 (2.1)	210 (2.3)	32 (1.7)	211 (2.9)	21 (1.7)	203 (3.5)
Central	47 (2.8)	221 (2.7)	30 (1.3)	222 (3.2)	24 (2.4)	215 (4.8)
West	43 (2.3)	217 (3.2)	28 (1.5)	219 (2.8)	29 (1.8)	206 (3.5)
States						
Alabama	50 (1.4)	209 (1.5)	32 (1.2)	213 (1.8)	18 (1.0)	202 (2.9)
Arizona	41 (1.6)	207 (2.1)	31 (1.2)	215 (2.6)	28 (1.4)	201 (2.6)
Arkansas	49 (1.5)	210 (1.5)	29 (1.2)	216 (2.2)	22 (1.0)	202 (3.0)
California	43 (1.6)	202 (2.4)	32 (1.3)	205 (2.0)	25 (1.5)	196 (2.7)
Colorado	33 (1.5)	212 (1.6)	31 (1.1)	215 (1.8)	36 (1.5)	219 (2.0)
Connecticut	38 (1.3)	221 (1.9)	33 (1.1)	228 (2.0)	29 (1.1)	223 (2.2)
Delaware	43 (1.3)	208 (1.7)	28 (1.0)	213 (1.5)	29 (1.5)	207 (1.8)
Florida	45 (1.4)	207 (2.2)	31 (1.0)	212 (2.0)	23 (1.1)	200 (2.3)
Georgia	50 (1.3)	209 (2.0)	29 (1.0)	214 (3.0)	20 (0.9)	199 (4.0)
Hawaii	34 (1.3)	203 (2.0)	34 (1.0)	205 (1.8)	31 (1.1)	200 (2.6)
Indiana	47 (1.4)	220 (1.4)	31 (1.0)	223 (1.7)	22 (1.1)	220 (2.4)
Iowa	32 (1.3)	222 (1.8)	33 (1.3)	227 (1.5)	35 (1.4)	222 (1.9)
Kentucky	43 (1.4)	214 (1.7)	32 (1.0)	214 (1.9)	25 (1.1)	210 (2.3)
Louisiana	53 (1.4)	199 (1.2)	29 (1.0)	204 (2.1)	19 (1.1)	189 (2.6)
Maine	27 (1.8)	225 (2.1)	30 (1.0)	231 (1.9)	42 (2.1)	230 (1.6)
Maryland	38 (1.5)	210 (2.0)	34 (0.9)	217 (2.1)	28 (1.3)	212 (2.7)
Massachusetts	44 (1.5)	222 (1.4)	31 (1.2)	230 (1.9)	25 (1.2)	221 (1.4)
Minnesota	38 (1.7)	219 (1.9)	34 (1.2)	223 (1.7)	28 (1.5)	218 (2.0)
Mississippi	56 (1.3)	202 (1.7)	29 (1.2)	210 (2.4)	16 (0.9)	190 (3.2)
Missouri	47 (1.7)	219 (1.7)	29 (1.1)	221 (2.0)	24 (1.2)	213 (2.5)
Montana†	42 (1.8)	222 (1.9)	32 (1.2)	226 (1.6)	25 (1.2)	222 (1.9)
Nebraska†	40 (1.7)	221 (1.7)	33 (1.4)	226 (2.2)	27 (1.4)	218 (2.2)
New Hampshire†	33 (1.9)	223 (2.3)	33 (1.5)	229 (1.9)	34 (2.1)	222 (1.7)
New Jersey	48 (1.7)	221 (1.6)	31 (1.2)	224 (1.9)	21 (1.2)	216 (2.3)
New Mexico	43 (1.6)	208 (2.0)	30 (1.1)	209 (2.1)	27 (1.2)	202 (2.8)
New York	48 (1.7)	211 (1.7)	30 (1.1)	216 (1.9)	22 (1.3)	215 (2.5)
North Carolina	51 (1.7)	216 (1.7)	29 (1.2)	220 (2.1)	21 (1.1)	209 (2.5)
North Dakota	47 (1.5)	228 (1.6)	31 (1.1)	228 (1.3)	21 (1.3)	217 (2.0)
Pennsylvania†	44 (1.7)	219 (1.7)	33 (1.3)	219 (2.2)	23 (1.3)	215 (2.1)
Rhode Island†	42 (1.7)	221 (1.4)	33 (1.2)	224 (1.8)	25 (1.5)	217 (2.2)
South Carolina	46 (1.4)	202 (1.8)	30 (1.0)	211 (1.8)	24 (1.2)	203 (2.3)
Tennessee†	53 (1.6)	213 (1.9)	32 (1.5)	219 (2.3)	15 (1.1)	209 (3.5)
Texas	42 (1.8)	212 (2.0)	35 (1.2)	217 (2.3)	24 (1.4)	213 (2.7)
Utah	38 (1.4)	218 (1.5)	34 (1.0)	223 (1.5)	28 (1.4)	216 (2.1)
Virginia	44 (1.4)	210 (1.6)	30 (1.0)	219 (2.0)	27 (1.3)	218 (2.4)
Washington	35 (1.4)	212 (2.1)	33 (0.9)	220 (1.9)	32 (1.5)	212 (1.7)
West Virginia	52 (1.8)	216 (1.2)	29 (1.4)	217 (1.4)	19 (1.2)	207 (2.3)
Wisconsin†	36 (1.7)	225 (1.6)	35 (1.3)	228 (1.3)	29 (1.5)	223 (1.7)
Wyoming	42 (1.4)	220 (1.7)	31 (1.0)	225 (1.7)	27 (1.3)	219 (1.9)
Other Jurisdictions						
DoDEA Overseas	45 (1.0)	218 (1.2)	30 (1.1)	222 (1.2)	25 (1.1)	214 (1.5)
Guam	43 (1.1)	187 (1.4)	30 (1.1)	185 (1.8)	27 (0.9)	176 (2.5)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 39

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Ask Students To Read Silently**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you ask students to read silently?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	75 (2.3)	218 (1.8)	23 (2.1)	212 (2.2)	2 (0.5)	207 (5.5)!
Northeast	90 (3.0)	219 (4.3)	9 (3.1)	223 (7.7)!	1 (1.4)	*** (***)
Southeast	63 (5.5)	214 (4.4)	35 (5.2)	209 (3.9)	2 (1.0)	*** (***)
Central	75 (3.7)	221 (2.7)	24 (3.6)	216 (2.6)	1 (0.6)	*** (***)
West	73 (5.9)	215 (2.9)	24 (5.1)	209 (5.3)!	4 (1.8)	*** (***)
States						
Alabama	58 (3.4)	209 (2.1)	37 (3.4)	205 (2.7)	5 (1.4)	213 (4.4)!
Arizona	73 (2.5)	210 (1.4)	26 (2.4)	209 (2.5)	1 (0.6)	*** (***)
Arkansas	49 (3.0)	211 (1.8)	45 (2.9)	210 (2.1)	6 (2.1)	211 (3.8)!
California	83 (2.3)	203 (2.4)	16 (2.3)	202 (5.4)	1 (0.4)	*** (***)
Colorado	82 (2.6)	218 (1.3)	16 (2.3)	213 (3.5)	2 (0.8)	*** (***)
Connecticut	84 (2.7)	225 (1.7)	16 (2.7)	216 (3.2)	0 (0.0)	*** (***)
Delaware†	70 (0.8)	215 (0.9)	29 (0.8)	211 (1.1)	1 (0.2)	*** (***)
Florida	68 (2.8)	207 (1.6)	29 (2.7)	212 (2.0)	3 (1.0)	198 (8.6)!
Georgia	70 (2.8)	213 (1.9)	27 (2.6)	209 (3.0)	3 (0.9)	*** (***)
Hawaii	71 (2.6)	204 (1.8)	26 (2.4)	200 (3.0)	3 (0.9)	189 (5.9)!
Indiana	66 (3.1)	222 (1.5)	33 (3.0)	219 (2.1)	2 (1.0)	*** (***)
Iowa	79 (2.8)	226 (1.1)	19 (2.6)	224 (2.5)	3 (1.0)	*** (***)
Kentucky	68 (3.8)	213 (1.6)	29 (3.8)	212 (2.0)	3 (1.0)	209 (3.9)!
Louisiana	57 (3.1)	204 (1.7)	42 (3.2)	205 (2.1)	2 (0.5)	*** (***)
Maine†	80 (2.8)	228 (1.3)	20 (2.8)	224 (2.6)	0 (0.1)	*** (***)
Maryland	82 (2.4)	212 (1.7)	17 (2.4)	208 (4.4)	1 (0.7)	*** (***)
Massachusetts	79 (2.9)	227 (1.2)	20 (2.9)	225 (2.1)	0 (0.4)	*** (***)
Minnesota	69 (3.8)	220 (1.9)	29 (3.6)	222 (2.0)	2 (1.0)	*** (***)
Mississippi	61 (3.4)	200 (1.6)	37 (3.3)	199 (2.5)	3 (0.9)	192 (9.7)!
Missouri	72 (3.4)	220 (1.6)	26 (3.4)	221 (2.2)	2 (0.6)	*** (***)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	75 (3.0)	221 (1.3)	22 (3.1)	225 (2.5)	3 (1.2)	*** (***)
New Hampshire†	82 (2.7)	228 (1.2)	18 (2.7)	231 (3.0)	0 (0.0)	*** (***)
New Jersey†	64 (3.5)	225 (1.6)	33 (3.5)	222 (2.9)	2 (1.0)	*** (***)
New Mexico	65 (3.5)	211 (1.9)	32 (3.5)	210 (3.2)	3 (1.5)	*** (***)
New York†	82 (2.8)	216 (1.4)	16 (2.4)	216 (3.4)	2 (1.1)	*** (***)
North Carolina	63 (3.4)	214 (1.6)	31 (3.2)	209 (2.4)	6 (1.6)	201 (4.6)!
North Dakota	69 (4.0)	227 (1.4)	29 (3.7)	223 (2.4)	2 (1.5)	*** (***)
Pennsylvania	69 (3.2)	222 (1.6)	29 (3.1)	216 (2.3)	1 (0.7)	*** (***)
Rhode Island	74 (2.5)	219 (2.2)	26 (2.5)	212 (3.6)	0 (0.3)	*** (***)
South Carolina	68 (3.1)	211 (1.7)	29 (2.9)	208 (2.2)	2 (0.8)	*** (***)
Tennessee	55 (2.6)	211 (1.9)	39 (2.9)	213 (2.3)	5 (1.5)	208 (4.0)!
Texas	62 (2.8)	214 (2.1)	35 (2.8)	215 (2.3)	3 (1.2)	208 (10.3)!
Utah	74 (3.1)	221 (1.2)	25 (2.9)	218 (2.3)	1 (0.7)	*** (***)
Virginia	67 (3.2)	223 (1.8)	30 (3.2)	219 (2.0)	3 (1.0)	215 (5.2)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	54 (3.4)	219 (1.7)	41 (3.7)	209 (2.1)	5 (1.5)	214 (5.1)!
Wisconsin	76 (2.9)	224 (1.1)	23 (2.9)	223 (2.1)	2 (0.7)	*** (***)
Wyoming	72 (2.8)	224 (1.2)	25 (2.6)	222 (2.5)	3 (1.1)	*** (***)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	67 (1.2)	182 (1.9)	31 (1.2)	183 (1.8)	2 (0.5)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 39

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Ask Students To Read Silently***

How often do you ask students to read silently?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	74 (2.3)	214 (1.3)	23 (2.3)	210 (2.5)	3 (0.7)	209 (7.9)!
Northeast	78 (4.4)	212 (2.0)	18 (3.5)	209 (5.9)	4 (2.5)	*** (***)
Southeast	62 (4.1)	211 (2.7)	35 (4.4)	206 (3.0)	2 (0.9)	*** (***)
Central	78 (5.3)	219 (2.9)	19 (5.4)	219 (6.4)!	3 (0.8)	*** (***)
West	77 (4.7)	213 (2.4)	21 (4.9)	212 (4.9)!	2 (1.1)	*** (***)
States						
Alabama	57 (4.0)	208 (2.2)	39 (4.2)	209 (2.3)	4 (1.2)	206 (5.4)!
Arizona	74 (2.9)	208 (1.9)	23 (2.7)	203 (3.5)	3 (1.0)	196 (14.5)!
Arkansas	62 (3.9)	211 (2.2)	35 (3.8)	205 (2.9)	2 (0.6)	*** (***)
California	79 (3.4)	198 (2.4)	18 (3.4)	201 (5.6)	3 (1.1)	*** (***)
Colorado	88 (1.7)	215 (1.4)	11 (1.6)	210 (2.7)	0 (0.3)	*** (***)
Connecticut	85 (2.7)	225 (1.5)	14 (2.6)	213 (6.2)	1 (0.5)	*** (***)
Delaware	74 (0.8)	210 (1.4)	22 (0.7)	198 (2.4)	4 (0.3)	203 (2.4)
Florida	71 (2.5)	207 (2.0)	28 (2.5)	199 (3.3)	1 (0.6)	*** (***)
Georgia	73 (2.7)	211 (3.2)	23 (2.5)	202 (3.5)	5 (1.1)	205 (6.0)!
Hawaii	77 (2.2)	200 (1.9)	22 (2.1)	203 (2.9)	1 (0.3)	*** (***)
Indiana	63 (3.6)	222 (1.6)	34 (3.4)	216 (2.7)	2 (1.1)	*** (***)
Iowa	85 (2.7)	224 (1.4)	13 (2.7)	225 (2.6)!	2 (0.9)	*** (***)
Kentucky	78 (2.9)	213 (1.8)	20 (2.9)	207 (2.7)	2 (1.0)	*** (***)
Louisiana	60 (3.6)	196 (2.0)	34 (3.4)	199 (2.8)	6 (1.5)	195 (3.1)!
Maine	83 (2.8)	230 (1.4)	16 (2.6)	223 (2.5)	1 (0.5)	*** (***)
Maryland	80 (2.8)	212 (1.6)	19 (2.8)	204 (4.6)	0 (0.3)	*** (***)
Massachusetts	79 (2.5)	223 (1.6)	20 (2.5)	226 (2.9)	2 (0.8)	*** (***)
Minnesota	74 (2.7)	221 (1.2)	23 (2.5)	212 (3.1)	3 (1.1)	*** (***)
Mississippi	56 (3.7)	204 (2.3)	40 (3.6)	200 (2.7)	3 (0.9)	191 (7.3)!
Missouri	71 (3.1)	218 (1.7)	26 (3.2)	215 (3.0)	3 (1.2)	*** (***)
Montana†	75 (3.4)	223 (1.6)	22 (3.1)	221 (2.0)	3 (1.3)	208 (6.5)!
Nebraska†	79 (2.9)	221 (1.7)	19 (2.8)	215 (3.2)	2 (0.6)	*** (***)
New Hampshire†	79 (3.0)	223 (1.5)	20 (3.0)	224 (3.5)	1 (0.4)	*** (***)
New Jersey	77 (2.7)	222 (1.6)	21 (2.6)	214 (3.7)	2 (0.6)	*** (***)
New Mexico	70 (2.5)	205 (2.3)	27 (2.6)	205 (3.0)	4 (0.9)	199 (4.4)!
New York	84 (2.1)	212 (1.7)	15 (1.9)	214 (4.0)	2 (0.6)	*** (***)
North Carolina	68 (2.6)	213 (1.7)	27 (2.2)	214 (2.5)	5 (1.3)	216 (5.4)!
North Dakota	71 (3.9)	227 (1.3)	26 (3.7)	223 (2.8)	3 (1.3)	*** (***)
Pennsylvania†	74 (3.4)	218 (1.9)	24 (3.4)	213 (3.3)	1 (0.4)	*** (***)
Rhode Island†	82 (2.2)	220 (1.5)	17 (2.1)	218 (2.7)	1 (0.7)	*** (***)
South Carolina	74 (3.2)	206 (1.7)	23 (2.9)	197 (2.8)	4 (1.0)	193 (6.9)!
Tennessee†	62 (3.8)	211 (2.2)	35 (3.8)	218 (3.0)	3 (1.0)	*** (***)
Texas	64 (3.5)	215 (2.4)	28 (2.6)	208 (2.7)	7 (2.3)	206 (10.4)!
Utah	76 (2.4)	218 (1.4)	21 (2.3)	216 (2.4)	3 (0.9)	205 (9.2)!
Virginia	76 (2.9)	215 (1.7)	21 (2.7)	209 (3.8)	3 (0.9)	205 (5.9)!
Washington	83 (2.1)	213 (1.3)	16 (2.1)	216 (3.7)	1 (0.3)	*** (***)
West Virginia	65 (3.3)	214 (1.2)	33 (3.3)	211 (2.5)	3 (1.2)	*** (***)
Wisconsin†	85 (2.2)	225 (1.3)	14 (2.2)	219 (3.1)	1 (0.6)	*** (***)
Wyoming	75 (3.1)	222 (1.3)	21 (2.9)	219 (2.3)	3 (1.1)	205 (8.3)!
Other Jurisdictions						
DoDEA Overseas	78 (2.7)	218 (1.0)	22 (2.6)	216 (1.8)	1 (0.2)	*** (***)
Guam	69 (1.1)	180 (1.5)	30 (1.1)	180 (2.4)	1 (0.2)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 40

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them to Read Silently**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often does your teacher ask you to read silently?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	67 (1.1)	221 (1.3)	22 (0.9)	213 (1.5)	11 (0.6)	193 (2.1)
Northeast	66 (2.9)	226 (4.5)	22 (2.1)	219 (2.7)	11 (1.7)	199 (6.5)
Southeast	62 (2.8)	215 (3.1)	26 (2.1)	211 (2.9)	12 (1.3)	193 (3.1)
Central	68 (1.7)	223 (1.8)	22 (1.7)	214 (3.9)	10 (1.0)	197 (5.0)
West	69 (1.7)	220 (1.6)	20 (1.5)	209 (3.2)	12 (0.7)	186 (3.6)
States						
Alabama	61 (1.3)	212 (1.7)	27 (1.1)	209 (2.2)	12 (0.8)	189 (3.5)
Arizona	66 (1.4)	214 (1.2)	21 (1.0)	212 (1.8)	13 (0.9)	189 (2.7)
Arkansas	58 (1.2)	214 (1.5)	28 (1.1)	214 (1.6)	14 (0.8)	194 (2.3)
California	68 (1.5)	210 (2.1)	20 (1.2)	201 (2.5)	12 (0.7)	180 (3.4)
Colorado	73 (1.2)	221 (1.1)	18 (1.1)	214 (2.0)	10 (0.5)	193 (2.8)
Connecticut	72 (1.5)	226 (1.3)	19 (1.2)	219 (2.4)	9 (0.7)	202 (3.0)
Delaware†	67 (1.2)	218 (0.7)	21 (1.0)	213 (2.0)	11 (0.7)	190 (2.2)
Florida	61 (1.3)	213 (1.3)	26 (1.1)	210 (1.8)	13 (0.9)	193 (2.8)
Georgia	68 (1.3)	217 (1.4)	21 (1.0)	211 (2.2)	11 (0.7)	194 (3.1)
Hawaii	66 (1.5)	210 (1.7)	21 (1.1)	201 (2.2)	14 (0.8)	188 (2.4)
Indiana	60 (1.5)	223 (1.4)	28 (1.4)	224 (1.4)	11 (0.8)	209 (2.6)
Iowa	75 (1.3)	229 (0.9)	17 (1.0)	225 (1.8)	8 (0.7)	200 (2.8)
Kentucky	65 (1.5)	216 (1.4)	23 (1.2)	214 (2.0)	11 (0.8)	194 (2.4)
Louisiana	60 (1.4)	208 (1.3)	27 (1.2)	206 (1.7)	13 (0.5)	188 (2.5)
Maine†	75 (1.6)	229 (1.2)	18 (1.2)	229 (1.9)	7 (0.7)	210 (3.0)
Maryland	67 (1.3)	218 (1.4)	22 (1.0)	208 (2.1)	11 (0.8)	187 (4.0)
Massachusetts	68 (1.2)	229 (1.1)	24 (1.0)	226 (1.4)	8 (0.7)	213 (2.9)
Minnesota	69 (1.4)	225 (1.3)	22 (1.0)	220 (2.0)	8 (0.7)	201 (3.1)
Mississippi	62 (1.2)	203 (1.3)	25 (0.9)	202 (1.8)	12 (0.8)	182 (2.7)
Missouri	68 (1.4)	223 (1.2)	21 (1.1)	221 (1.8)	11 (0.6)	203 (2.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	68 (1.3)	225 (1.1)	21 (1.1)	220 (2.1)	11 (0.7)	208 (3.4)
New Hampshire†	76 (1.5)	230 (1.1)	17 (1.1)	228 (2.0)	8 (0.7)	208 (3.3)
New Jersey†	61 (1.6)	225 (1.5)	28 (1.1)	229 (1.8)	11 (0.9)	208 (3.4)
New Mexico	63 (1.3)	215 (1.3)	24 (1.0)	211 (2.4)	13 (0.8)	198 (2.9)
New York†	65 (1.4)	221 (1.1)	23 (1.1)	212 (1.9)	12 (0.9)	193 (4.6)
North Carolina	65 (1.4)	218 (1.2)	24 (1.0)	209 (1.8)	11 (0.7)	190 (3.1)
North Dakota	65 (1.4)	229 (1.1)	24 (1.0)	228 (1.7)	11 (1.0)	211 (2.3)
Pennsylvania	67 (1.4)	224 (1.5)	23 (1.0)	221 (1.7)	10 (0.7)	204 (2.5)
Rhode Island	65 (1.6)	222 (1.4)	23 (1.2)	215 (2.8)	11 (0.9)	200 (3.9)
South Carolina	64 (1.2)	214 (1.2)	24 (1.0)	210 (2.2)	12 (0.8)	197 (3.0)
Tennessee	61 (1.5)	216 (1.6)	28 (1.1)	214 (2.0)	11 (0.7)	194 (2.3)
Texas	63 (1.6)	216 (1.7)	25 (1.2)	214 (1.9)	12 (0.7)	201 (2.7)
Utah	70 (1.5)	225 (1.1)	20 (1.1)	216 (2.1)	10 (0.8)	205 (2.8)
Virginia	67 (1.4)	225 (1.5)	23 (1.2)	221 (1.8)	10 (0.8)	199 (2.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	60 (1.4)	219 (1.3)	28 (1.1)	220 (2.0)	12 (0.8)	195 (2.7)
Wisconsin	70 (1.2)	228 (1.1)	22 (1.0)	221 (1.7)	8 (0.6)	205 (2.8)
Wyoming	72 (1.1)	227 (1.1)	19 (0.9)	222 (2.0)	9 (0.7)	202 (3.1)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	57 (1.2)	192 (1.3)	23 (0.8)	184 (2.7)	19 (0.9)	157 (2.5)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 40

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Asks Them to Read Silently**

How often does your teacher ask you to read silently?	**Almost Every Day**		**At Least Once a Week**		**Less Than Once a Week**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	64 (1.1)	220 (1.3)	23 (0.9)	213 (1.6)	13 (0.5)>	188 (1.9)
Northeast	67 (2.8)	220 (2.4)	22 (2.2)	215 (4.0)	11 (1.0)	184 (5.1)
Southeast	61 (1.9)	215 (2.3)	25 (1.7)	209 (2.7)	14 (0.9)	186 (3.9)
Central	63 (2.4)	227 (2.9)	23 (2.2)	215 (3.7)	14 (1.2)	196 (3.7)
West	65 (1.6)	220 (2.4)	21 (1.5)	215 (3.1)	14 (0.8)	185 (3.5)
States						
Alabama	63 (1.3)	211 (1.5)	26 (1.0)	215 (2.3)	12 (0.8)	189 (3.0)
Arizona	67 (1.3)	214 (1.6)	21 (1.0)	206 (3.0)	12 (0.8)	179 (3.3)
Arkansas	61 (1.6)	213 (1.7)	25 (1.3)	209 (2.6)	14 (0.8)	192 (3.0)
California	69 (1.5)	208 (1.8)	20 (1.1)	192 (2.9)	11 (0.8)	177 (3.2)
Colorado	76 (1.0)	221 (1.2)	15 (0.7)	206 (2.7)	9 (0.7)	185 (4.4)
Connecticut	69 (1.5)	228 (1.4)	21 (1.2)	223 (2.9)	10 (0.8)	202 (4.4)
Delaware	68 (0.9)	215 (1.2)	22 (0.8)	205 (2.4)<	11 (0.7)	181 (3.0)<
Florida	65 (1.2)>	211 (1.7)	23 (1.0)	207 (2.3)	11 (0.7)	181 (3.9)<
Georgia	66 (1.6)	215 (2.2)	22 (1.2)	207 (2.5)	12 (0.8)	178 (4.6)<
Hawaii	65 (1.3)	209 (1.6)	20 (0.9)	196 (2.7)	15 (0.7)	185 (3.1)
Indiana	61 (1.5)	223 (1.3)	27 (1.2)	223 (2.0)	12 (0.8)	207 (2.6)
Iowa	78 (1.3)	227 (1.3)	15 (1.0)	218 (2.5)	7 (0.5)	199 (3.8)
Kentucky	67 (1.4)	217 (1.7)	23 (1.2)	213 (2.1)	10 (0.8)	191 (2.8)
Louisiana	57 (1.4)	202 (1.4)<	29 (1.0)	198 (1.8)<	15 (0.9)	184 (2.6)
Maine	76 (1.6)	232 (1.2)	16 (1.2)	224 (2.1)	8 (0.9)	211 (3.4)
Maryland	70 (1.4)	218 (1.4)	19 (1.1)	212 (2.6)	11 (0.8)	184 (3.7)
Massachusetts	69 (1.3)	226 (1.3)	23 (1.1)	224 (2.0)	8 (0.6)	208 (3.2)
Minnesota	69 (1.6)	225 (1.1)	22 (1.1)	217 (2.3)	9 (0.9)	192 (4.2)
Mississippi	59 (1.0)	206 (1.6)	29 (0.9)>	206 (2.1)	13 (0.8)	179 (3.4)
Missouri	67 (1.4)	223 (1.5)	22 (1.1)	216 (2.9)	11 (0.8)	196 (3.2)
Montana†	69 (1.8)	228 (1.3)	21 (1.2)	222 (2.4)	10 (0.9)	198 (3.4)
Nebraska†	71 (1.6)	225 (1.5)	20 (1.3)	220 (2.4)	9 (0.8)	197 (4.3)
New Hampshire†	74 (1.7)	227 (1.7)	18 (1.4)	223 (2.0)	8 (0.8)	208 (3.5)
New Jersey	66 (1.6)	225 (1.1)	24 (1.3)	218 (2.3)<<	10 (0.8)	201 (3.3)
New Mexico	62 (1.6)	210 (1.7)	25 (1.1)	209 (2.0)	13 (0.9)	186 (3.2)<
New York	69 (1.3)	218 (1.4)	21 (1.1)	211 (2.5)	11 (0.7)	185 (3.4)
North Carolina	66 (1.3)	219 (1.6)	24 (1.2)	216 (2.3)>	10 (0.7)	193 (3.1)
North Dakota	67 (1.4)	228 (1.3)	25 (1.2)	227 (1.6)	8 (0.7)<	203 (3.6)
Pennsylvania†	66 (1.4)	222 (1.4)	25 (1.3)	214 (2.5)<	9 (0.7)	198 (3.5)
Rhode Island†	68 (1.8)	224 (1.4)	23 (1.4)	219 (2.2)	9 (0.8)	206 (3.3)
South Carolina	66 (1.4)	209 (1.4)<	23 (1.2)	203 (2.5)	11 (0.6)	185 (3.0)<
Tennessee†	60 (1.4)	216 (2.0)	28 (1.2)	218 (2.7)	12 (0.9)	196 (3.6)
Texas	64 (1.4)	217 (1.8)	24 (1.3)	216 (2.9)	12 (0.8)	198 (3.8)
Utah	71 (1.3)	223 (1.3)	20 (1.3)	217 (2.1)	10 (0.6)	196 (3.6)
Virginia	70 (1.6)	217 (1.7)<<	20 (1.2)	214 (2.3)<	10 (0.7)	199 (3.0)
Washington	76 (1.3)	219 (1.2)	16 (0.9)	207 (2.6)	9 (0.7)	185 (4.1)
West Virginia	62 (1.7)	217 (1.3)	27 (1.3)	215 (1.8)	11 (0.9)	198 (2.5)
Wisconsin†	73 (1.2)	228 (1.1)	18 (1.0)<	224 (2.2)	8 (0.6)	209 (2.8)
Wyoming	71 (1.3)	224 (1.3)	20 (1.1)	220 (2.1)	9 (0.7)	207 (3.1)
Other Jurisdictions						
DoDEA Overseas	70 (1.3)	221 (1.0)	21 (1.0)	218 (2.1)	9 (0.8)	203 (2.6)
Guam	59 (1.0)	191 (1.4)	22 (0.9)	180 (2.2)	19 (0.8)	164 (2.5)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 41 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Give Students Time To Read Books of Their Own Choosing**

How often do you give students time to read books they have chosen themselves?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	69 (2.5)	215 (1.4)	25 (2.4)	210 (2.5)	6 (1.2)	207 (4.9)
Northeast	62 (3.3)	218 (2.7)	27 (3.6)	206 (5.4)	11 (2.4)	198 (8.5)!
Southeast	62 (6.8)	210 (2.5)	31 (6.4)	203 (4.4)	7 (3.4)	*** (***)
Central	70 (4.9)	220 (3.7)	26 (4.9)	221 (3.7)!	4 (2.0)	*** (***)
West	81 (4.4)	214 (2.3)	16 (3.8)	210 (4.7)!	3 (1.3)	216 (11.0)!
States						
Alabama	60 (3.7)	210 (1.8)	27 (3.3)	206 (3.0)	14 (2.6)	203 (4.0)
Arizona	75 (2.7)	206 (1.8)	17 (2.4)	212 (3.9)	8 (1.7)	198 (6.2)!
Arkansas	65 (2.9)	211 (2.1)	26 (2.7)	207 (3.2)	9 (1.5)	196 (5.7)
California	82 (3.2)	198 (2.0)	13 (2.4)	192 (4.9)	5 (2.1)	205 (11.5)!
Colorado	84 (2.2)	214 (1.4)	15 (2.0)	218 (2.8)	1 (0.6)	*** (***)
Connecticut	74 (3.0)	224 (1.5)	20 (2.7)	219 (4.7)	5 (1.5)	208 (9.0)!
Delaware	66 (0.8)	209 (1.4)	24 (0.8)	208 (2.6)	10 (0.7)	189 (3.7)
Florida	73 (2.1)	205 (2.0)	23 (2.1)	204 (2.8)	4 (1.1)	203 (7.7)!
Georgia	68 (2.6)	211 (2.5)	25 (2.5)	203 (3.6)	7 (1.8)	196 (5.4)!
Hawaii	78 (2.3)	202 (1.8)	16 (2.0)	194 (3.5)	6 (1.2)	201 (5.5)!
Indiana	62 (3.6)	221 (1.7)	29 (3.4)	219 (2.5)	9 (2.0)	218 (5.7)!
Iowa	86 (2.7)	225 (1.4)	13 (2.7)	218 (4.5)!	2 (0.7)	*** (***)
Kentucky	63 (3.0)	213 (2.1)	27 (2.9)	208 (2.6)	10 (2.5)	210 (4.3)!
Louisiana	53 (3.4)	199 (2.5)	31 (3.1)	196 (2.7)	16 (2.6)	192 (4.6)
Maine	80 (2.5)	229 (1.5)	14 (1.9)	225 (2.4)	6 (1.4)	226 (5.5)!
Maryland	68 (3.5)	214 (1.7)	24 (3.0)	204 (3.4)	8 (1.9)	193 (6.8)!
Massachusetts	74 (2.6)	226 (1.7)	20 (2.2)	218 (2.6)	6 (1.1)	217 (5.0)
Minnesota	68 (3.1)	221 (1.4)	24 (2.6)	217 (2.7)	8 (2.3)	208 (4.7)!
Mississippi	49 (3.8)	208 (2.2)	36 (3.3)	198 (2.7)	15 (2.5)	191 (3.7)
Missouri	69 (3.0)	218 (1.6)	25 (2.7)	214 (2.9)	5 (1.6)	214 (8.1)!
Montana†	69 (3.2)	224 (1.6)	27 (3.3)	219 (2.6)	4 (1.2)	210 (5.2)!
Nebraska†	78 (3.5)	221 (1.6)	19 (3.5)	216 (3.1)	3 (1.2)	206 (12.0)!
New Hampshire†	82 (3.2)	223 (1.6)	14 (2.8)	226 (4.0)!	5 (1.0)	215 (5.6)!
New Jersey	62 (3.5)	225 (1.7)	26 (3.0)	215 (2.8)	12 (2.0)	207 (5.2)
New Mexico	67 (3.0)	206 (2.1)	24 (2.5)	205 (3.2)	9 (1.8)	197 (4.1)!
New York	68 (3.5)	212 (2.0)	21 (2.9)	209 (3.9)	11 (1.8)	217 (4.3)
North Carolina	74 (2.7)	216 (1.8)	21 (2.5)	211 (3.1)	5 (1.2)	193 (6.3)!
North Dakota	69 (3.5)	226 (1.4)	26 (3.3)	225 (2.2)	5 (1.2)	222 (6.7)!
Pennsylvania†	68 (3.7)	220 (1.4)	25 (3.4)	212 (3.3)	8 (1.8)	188 (8.0)!
Rhode Island†	76 (3.7)	221 (1.7)	15 (2.6)	213 (2.7)	8 (2.0)	224 (4.7)!
South Carolina	74 (3.0)	205 (1.7)	22 (2.8)	200 (3.3)	4 (1.1)	198 (7.8)!
Tennessee†	47 (4.5)	215 (2.6)	32 (3.4)	213 (3.6)	20 (3.8)	209 (3.7)
Texas	69 (3.1)	214 (2.2)	25 (2.9)	209 (2.9)	6 (1.7)	212 (5.5)!
Utah	81 (2.2)	220 (1.3)	13 (1.7)	220 (3.7)	7 (1.7)	189 (6.7)!
Virginia	76 (3.1)	215 (1.7)	18 (2.7)	210 (3.8)	6 (1.7)	208 (5.8)!
Washington	84 (2.0)	213 (1.3)	12 (1.8)	213 (4.1)	4 (1.2)	221 (7.5)!
West Virginia	62 (3.3)	216 (1.4)	29 (3.0)	211 (2.2)	8 (2.2)	202 (5.7)!
Wisconsin†	75 (3.7)	225 (1.3)	21 (3.4)	222 (2.6)	4 (1.1)	213 (5.9)!
Wyoming	67 (3.0)	222 (1.2)	26 (2.7)	223 (2.3)	7 (1.5)	205 (5.1)!
Other Jurisdictions						
DoDEA Overseas	75 (2.1)	218 (0.9)	20 (2.0)	215 (2.1)	5 (1.0)	211 (3.9)!
Guam	73 (1.2)	179 (1.6)	26 (1.2)	184 (2.3)	1 (0.2)	*** (***)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 42

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **Frequency Their Teacher Gives Time for Reading Books of Their Own Choosing**

How often does your teacher give you time to read books you have chosen?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	55 (1.5)	222 (1.3)	27 (1.1)	214 (1.7)	18 (0.8)	202 (1.4)
Northeast	55 (5.5)	228 (4.7)	27 (3.6)	214 (3.2)	18 (2.5)	210 (3.8)
Southeast	53 (2.6)	216 (3.3)	26 (1.6)	211 (2.5)	21 (1.6)	201 (3.0)
Central	57 (1.9)	223 (1.9)	28 (2.2)	219 (3.3)	15 (1.5)	202 (3.4)
West	55 (1.8)	221 (1.5)	28 (1.3)	210 (3.6)	18 (1.1)	197 (3.0)
States						
Alabama	43 (1.5)	212 (2.2)	32 (1.0)	208 (1.8)	25 (1.1)	202 (1.9)
Arizona	54 (1.2)	216 (1.3)	28 (1.1)	206 (2.2)	19 (0.9)	199 (2.0)
Arkansas	50 (1.7)	215 (1.8)	31 (1.2)	210 (1.8)	20 (1.0)	202 (2.0)
California	57 (1.4)	213 (2.0)	25 (1.1)	200 (2.7)	18 (0.8)	186 (2.9)
Colorado	57 (1.5)	222 (1.1)	27 (1.2)	215 (1.6)	16 (1.0)	204 (2.2)
Connecticut	54 (1.5)	228 (1.3)	27 (1.2)	221 (2.0)	19 (0.8)	210 (2.3)
Delaware†	53 (1.0)	217 (0.8)	25 (0.9)	213 (1.8)	22 (1.1)	206 (2.6)
Florida	50 (1.5)	214 (1.4)	29 (1.0)	209 (2.1)	21 (0.9)	200 (2.2)
Georgia	55 (1.2)	219 (1.6)	29 (1.0)	210 (2.0)	16 (0.8)	201 (2.4)
Hawaii	53 (1.3)	210 (1.8)	28 (1.0)	202 (2.1)	19 (0.9)	193 (2.1)
Indiana	52 (1.7)	224 (1.4)	29 (1.2)	221 (1.9)	18 (1.1)	216 (2.2)
Iowa	69 (1.4)	230 (1.0)	20 (1.0)	222 (1.8)	11 (0.7)	207 (2.2)
Kentucky	44 (1.9)	217 (1.6)	31 (1.1)	211 (1.7)	25 (1.5)	208 (2.1)
Louisiana	42 (1.4)	206 (1.4)	33 (1.1)	205 (1.6)	25 (1.1)	201 (1.8)
Maine†	59 (1.9)	230 (1.3)	24 (1.3)	226 (1.8)	17 (1.3)	220 (2.2)
Maryland	51 (1.5)	218 (1.7)	29 (1.2)	210 (2.1)	21 (1.1)	204 (2.2)
Massachusetts	56 (1.7)	231 (1.0)	28 (1.3)	223 (1.6)	16 (0.9)	221 (2.1)
Minnesota	56 (1.7)	226 (1.2)	31 (1.4)	221 (1.6)	13 (0.8)	205 (2.5)
Mississippi	41 (1.6)	202 (1.7)	32 (1.2)	201 (2.0)	26 (1.2)	195 (2.0)
Missouri	59 (1.5)	226 (1.2)	25 (1.3)	217 (2.0)	15 (1.0)	206 (2.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	64 (1.7)	225 (1.2)	22 (1.2)	216 (1.7)	14 (1.2)	214 (3.0)
New Hampshire†	64 (1.6)	232 (1.2)	23 (1.3)	224 (2.0)	13 (1.2)	218 (2.1)
New Jersey†	41 (2.1)	226 (1.6)	33 (1.3)	223 (1.9)	26 (1.8)	221 (3.0)
New Mexico	47 (1.6)	214 (1.8)	32 (1.5)	211 (2.3)	21 (1.0)	209 (2.4)
New York†	54 (1.4)	219 (1.3)	27 (1.1)	213 (2.1)	19 (1.1)	208 (3.8)
North Carolina	54 (1.7)	217 (1.3)	28 (1.1)	212 (1.8)	18 (0.9)	201 (2.5)
North Dakota	57 (1.7)	229 (1.3)	27 (1.3)	226 (1.5)	16 (1.1)	216 (2.6)
Pennsylvania	54 (1.9)	225 (1.5)	29 (1.3)	219 (1.8)	17 (1.0)	214 (2.1)
Rhode Island	53 (1.7)	221 (1.9)	28 (1.2)	216 (2.2)	19 (1.1)	211 (3.2)
South Carolina	51 (1.5)	214 (1.4)	30 (1.1)	211 (1.9)	19 (1.1)	203 (2.0)
Tennessee	46 (1.4)	215 (1.7)	33 (1.3)	214 (2.0)	21 (1.0)	206 (2.1)
Texas	50 (1.9)	218 (1.8)	31 (1.5)	213 (1.9)	19 (1.0)	204 (2.2)
Utah	60 (1.5)	227 (1.2)	25 (1.2)	216 (1.6)	15 (0.9)	208 (2.3)
Virginia	54 (1.8)	225 (1.6)	29 (1.1)	219 (1.9)	17 (1.1)	215 (2.4)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	45 (1.3)	220 (1.6)	30 (1.0)	216 (1.7)	25 (1.0)	209 (1.8)
Wisconsin	58 (1.6)	229 (1.0)	28 (1.2)	221 (1.6)	14 (0.9)	211 (2.7)
Wyoming	59 (1.5)	226 (1.3)	25 (1.1)	222 (1.7)	16 (1.1)	218 (2.1)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	42 (1.0)	185 (1.9)	32 (1.2)	190 (1.7)	26 (1.0)	171 (2.7)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 42 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency Their Teacher Gives Time for Reading Books of Their Own Choosing**

How often does your teacher give you time to read books you have chosen?	Almost Every Day		At Least Once a Week		Less Than Once a Week	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	53 (1.1)	220 (1.1)	29 (0.9)	212 (1.6)	18 (0.7)	204 (2.3)
Northeast	53 (1.9)	219 (2.5)	30 (1.8)	211 (2.8)	17 (1.7)	208 (4.0)
Southeast	50 (2.1)	215 (2.6)	30 (1.7)	208 (3.0)	20 (1.2)	199 (2.8)
Central	54 (2.2)	225 (2.6)	28 (1.7)	215 (3.3)	18 (1.5)	212 (6.3)
West	54 (2.6)	220 (2.3)	29 (1.9)	212 (3.3)	17 (1.2)	201 (3.9)
States						
Alabama	47 (1.8)	215 (1.5)	32 (1.2)	207 (2.0)	22 (1.2)	200 (2.7)
Arizona	55 (1.3)	214 (1.9)	27 (1.0)	205 (2.3)	18 (1.0)	196 (3.4)
Arkansas	49 (1.8)	213 (1.9)	30 (1.1)	209 (2.3)	21 (1.3)	202 (3.0)
California	56 (1.9)	208 (2.1)	27 (1.6)	194 (2.6)	16 (1.1)	189 (3.2)
Colorado	61 (1.3)	221 (1.5)	25 (1.0)	210 (1.7)	14 (0.8)	203 (3.0)
Connecticut	57 (1.7)	228 (1.7)	27 (1.1)	223 (2.4)	17 (1.4)	213 (3.9)
Delaware	54 (1.0)	214 (1.4)	25 (1.0)	205 (1.8)<	20 (0.8)	202 (2.3)
Florida	53 (1.4)	211 (1.9)	28 (1.0)	204 (2.1)	19 (1.1)	198 (3.5)
Georgia	54 (1.6)	214 (2.3)	29 (1.2)	207 (2.3)	17 (1.0)	194 (4.5)
Hawaii	54 (1.5)	210 (1.8)	28 (1.0)	200 (2.2)	18 (0.8)	189 (2.8)
Indiana	52 (2.1)	224 (1.3)	31 (1.5)	221 (2.1)	17 (1.0)	215 (2.6)
Iowa	70 (1.4)	228 (1.3)	20 (1.2)	218 (2.4)	10 (0.7)	204 (2.7)
Kentucky	52 (1.8)>	216 (2.0)	29 (1.1)	213 (1.5)	20 (1.2)<	205 (2.7)
Louisiana	40 (1.5)	202 (2.0)	35 (1.1)	199 (1.8)<	25 (1.4)	193 (2.5)<
Maine	60 (1.5)	233 (1.4)	26 (1.2)	227 (2.0)	14 (1.1)	218 (2.8)
Maryland	54 (1.8)	219 (1.6)	27 (1.2)	207 (2.3)	19 (1.1)	206 (2.9)
Massachusetts	56 (1.6)	228 (1.5)	28 (1.3)	220 (1.7)	16 (0.9)	218 (2.2)
Minnesota	58 (1.7)	226 (1.3)	28 (1.3)	217 (2.1)	14 (0.8)	203 (3.1)
Mississippi	44 (1.6)	205 (2.1)	33 (1.3)	205 (1.7)	23 (1.0)	194 (2.7)
Missouri	57 (1.5)	223 (1.6)	28 (1.3)	213 (2.0)	15 (0.9)	208 (3.3)
Montana†	59 (1.7)	228 (1.3)	25 (1.2)	219 (2.1)	16 (1.1)	216 (3.1)
Nebraska†	64 (1.8)	227 (1.7)	23 (1.4)	215 (2.0)	13 (0.9)	206 (3.9)
New Hampshire†	60 (1.7)	230 (1.7)	25 (1.3)	220 (1.8)	16 (1.0)	212 (3.8)
New Jersey	50 (1.6)>	226 (1.4)	31 (1.0)	217 (1.4)<	19 (1.3)<	213 (2.4)
New Mexico	51 (1.6)	212 (1.8)	29 (1.1)	205 (1.8)	20 (1.2)	198 (2.5)<
New York	54 (1.7)	217 (1.8)	28 (1.2)	210 (1.9)	18 (1.2)	209 (2.9)
North Carolina	56 (1.6)	220 (1.9)	28 (1.1)	215 (1.8)	16 (1.1)	206 (2.8)
North Dakota	55 (1.8)	230 (1.2)	30 (1.4)	222 (1.9)	15 (0.9)	219 (2.5)
Pennsylvania†	56 (1.9)	223 (1.5)	29 (1.2)	212 (2.5)	16 (1.3)	207 (2.5)
Rhode Island†	59 (1.7)	226 (1.6)	27 (1.2)	216 (1.8)	14 (1.1)<	212 (2.7)
South Carolina	57 (1.5)>	210 (1.6)	27 (1.0)	203 (2.1)<	16 (1.1)	194 (2.6)<
Tennessee†	43 (2.1)	216 (2.1)	34 (1.4)	214 (2.4)	23 (1.5)	209 (2.9)
Texas	50 (1.5)	219 (1.8)	31 (1.1)	213 (2.3)	20 (1.1)	204 (2.8)
Utah	57 (1.7)	225 (1.5)	27 (1.2)	216 (2.0)	16 (1.1)	203 (2.8)
Virginia	58 (1.7)	219 (1.6)<	25 (1.2)	210 (2.2)<	16 (1.0)	207 (2.5)
Washington	61 (1.5)	220 (1.4)	25 (1.3)	209 (2.0)	14 (0.9)	202 (3.8)
West Virginia	46 (1.6)	219 (1.4)	31 (1.2)	213 (1.9)	23 (1.2)	207 (1.9)
Wisconsin†	63 (1.9)	230 (1.1)	25 (1.5)	220 (1.9)	12 (0.9)	214 (2.6)
Wyoming	57 (1.2)	226 (1.3)	26 (1.0)	220 (1.7)	17 (1.1)	213 (2.4)
Other Jurisdictions						
DoDEA Overseas	53 (1.0)	222 (1.0)	28 (1.2)	216 (1.7)	19 (0.8)	211 (2.1)
Guam	46 (1.1)>	188 (1.7)	31 (0.9)	185 (1.8)	23 (0.9)<	173 (2.1)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 43

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Send or Take the Class to the Library***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you send or take the class to the library?	At Least Once a Week		Once or Twice a Month		Never or Hardly Ever	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	85 (2.7)	218 (1.5)	9 (1.9)	208 (4.1)!	5 (1.6)	208 (4.3)!
Northeast	76 (8.5)	221 (4.5)	11 (4.0)	212 (7.1)!	13 (6.6)	213 (5.9)!
Southeast	83 (5.7)	213 (3.6)	14 (5.0)	210 (8.0)!	2 (1.0)	*** (***)
Central	93 (2.3)	221 (1.9)	2 (1.1)	*** (***)	5 (1.8)	*** (***)
West	86 (5.2)	215 (2.7)	12 (4.9)	202 (6.3)!	2 (1.3)	*** (***)
States						
Alabama	86 (3.3)	208 (1.7)	9 (2.8)	198 (6.7)!	5 (1.9)	209 (8.2)!
Arizona	81 (2.8)	210 (1.4)	14 (2.6)	210 (4.0)	5 (1.0)	202 (5.8)!
Arkansas	88 (2.8)	212 (1.4)	3 (1.5)	*** (***)	9 (2.3)	206 (3.9)!
California	90 (2.8)	203 (2.4)	8 (2.5)	199 (10.9)!	0 (0.2)	*** (***)
Colorado	92 (2.1)	218 (1.3)	7 (1.8)	214 (5.1)!	2 (0.7)	*** (***)
Connecticut	87 (2.6)	226 (1.5)	7 (1.9)	206 (7.6)!	4 (1.3)	213 (6.2)!
Delaware†	62 (0.9)	214 (0.9)	8 (0.5)	211 (2.0)	29 (0.9)	213 (1.6)
Florida	86 (2.5)	209 (1.4)	13 (2.5)	209 (3.2)!	1 (0.5)	*** (***)
Georgia	79 (2.9)	214 (1.6)	15 (2.4)	203 (4.4)	6 (1.7)	209 (4.0)!
Hawaii	54 (3.8)	205 (2.2)	38 (3.7)	202 (3.1)	8 (2.1)	195 (5.4)!
Indiana	87 (3.0)	222 (1.4)	10 (2.5)	212 (4.2)!	3 (1.4)	*** (***)
Iowa	88 (2.4)	225 (1.1)	6 (1.8)	228 (2.9)!	5 (1.8)	222 (5.3)!
Kentucky	82 (3.1)	213 (1.4)	7 (2.1)	208 (4.4)!	10 (2.6)	212 (3.7)!
Louisiana	80 (4.0)	205 (1.5)	14 (3.6)	203 (4.6)!	6 (1.6)	195 (6.5)!
Maine†	88 (3.3)	228 (1.4)	5 (1.5)	219 (4.7)!	6 (2.6)	224 (6.6)!
Maryland	75 (3.4)	214 (1.8)	20 (3.3)	204 (4.6)	5 (1.4)	204 (8.6)!
Massachusetts	74 (3.9)	228 (1.3)	12 (2.9)	224 (5.2)!	10 (2.4)	223 (4.1)!
Minnesota	83 (3.3)	221 (1.7)	8 (1.9)	225 (4.0)!	9 (2.4)	216 (4.8)!
Mississippi	89 (2.7)	200 (1.5)	8 (2.7)	192 (5.0)!	3 (1.1)	*** (***)
Missouri	86 (3.2)	221 (1.5)	7 (2.8)	212 (3.7)!	6 (1.6)	224 (5.0)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	89 (2.2)	221 (1.1)	6 (1.9)	222 (5.6)!	5 (1.9)	226 (6.1)!
New Hampshire†	83 (3.0)	228 (1.4)	13 (2.8)	232 (2.8)!	4 (1.6)	213 (5.5)!
New Jersey†	76 (3.9)	225 (1.6)	11 (2.4)	221 (4.3)!	12 (2.6)	214 (4.0)!
New Mexico	93 (2.3)	212 (1.9)	6 (2.0)	*** (***)	2 (0.7)	*** (***)
New York†	72 (4.3)	217 (1.9)	17 (3.7)	212 (5.7)!	9 (1.9)	210 (5.5)!
North Carolina	90 (2.4)	213 (1.4)	6 (2.0)	204 (6.5)!	4 (1.1)	205 (5.4)!
North Dakota	89 (2.8)	226 (1.4)	5 (1.7)	222 (8.6)!	4 (1.5)	221 (4.8)!
Pennsylvania	72 (3.8)	220 (1.8)	8 (1.7)	218 (7.5)!	20 (3.3)	223 (2.6)
Rhode Island	86 (2.4)	217 (2.0)	9 (2.0)	221 (6.0)!	5 (1.1)	221 (6.0)!
South Carolina	84 (2.5)	211 (1.4)	10 (2.2)	211 (5.0)!	6 (1.4)	190 (5.4)!
Tennessee	82 (3.3)	212 (1.6)	8 (2.8)	215 (6.5)!	9 (2.1)	204 (4.6)!
Texas	81 (4.0)	215 (1.9)	13 (3.3)	206 (3.6)!	6 (2.3)	214 (6.5)!
Utah	94 (1.6)	220 (1.2)	3 (1.2)	*** (***)	3 (1.0)	212 (7.5)!
Virginia	88 (2.5)	221 (1.6)	7 (1.8)	225 (4.0)!	5 (1.5)	221 (6.8)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	69 (3.9)	217 (1.8)	10 (2.8)	217 (4.3)!	6 (1.7)	210 (4.7)!
Wisconsin	92 (2.0)	224 (1.0)	3 (1.1)	226 (5.7)!	4 (1.4)	211 (9.6)!
Wyoming	93 (1.9)	224 (1.2)	3 (1.3)	228 (6.2)!	4 (1.3)	207 (7.4)!
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	92 (0.4)	181 (1.4)	7 (0.3)	*** (***)	1 (0.1)	*** (***)

(continued on next page)

* Percentages may not add to 100% because a very small percentage of teachers reported that there was no library at their school.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 43

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Frequency They Send or Take the Class to the Library***

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

How often do you send or take the class to the library?	At Least Once a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	86 (1.8)	214 (1.1)	9 (1.8)	209 (4.7)!	3 (0.8)	202 (7.3)!
Northeast	81 (5.0)	213 (2.6)	12 (4.6)	216 (8.7)!	7 (2.1)	*** (***)
Southeast	86 (4.9)	209 (2.1)	10 (4.4)	202 (12.1)!	2 (1.0)	*** (***)
Central	79 (2.9)	220 (2.6)	14 (4.3)	215 (9.3)!	4 (2.2)	*** (***)
West	96 (1.1)	215 (1.8)	3 (0.8)	*** (***)	2 (0.8)	*** (***)
States						
Alabama	87 (3.2)	209 (1.5)	8 (2.6)	211 (3.9)!	4 (1.3)	180 (11.8)!
Arizona	86 (2.6)	206 (2.0)	10 (2.2)	209 (4.5)!	4 (1.4)	204 (8.7)!
Arkansas	88 (2.9)	210 (1.7)	5 (2.0)	210 (6.9)!	6 (1.6)	190 (9.3)!
California	90 (2.3)	198 (2.1)	7 (1.8)	192 (6.6)!	3 (1.5)	*** (***)
Colorado	92 (1.8)	214 (1.4)	7 (1.8)	226 (4.3)!	1 (0.4)	*** (***)
Connecticut	85 (3.2)	226 (1.9)	9 (2.4)	212 (11.6)!	4 (1.4)	207 (8.6)!
Delaware	73 (0.9)	208 (1.2)	5 (0.4)	208 (4.7)	21 (1.1)	200 (2.5)
Florida	84 (2.2)	206 (1.8)	13 (1.7)	204 (4.0)	2 (0.7)	*** (***)
Georgia	81 (2.8)	208 (2.8)	13 (2.4)	211 (5.0)	6 (1.6)	198 (6.1)!
Hawaii	58 (3.6)	205 (2.3)	35 (3.3)	200 (2.9)	6 (1.2)	171 (5.6)
Indiana	88 (2.5)	221 (1.4)	6 (1.6)	225 (6.8)!	6 (1.3)	208 (7.2)!
Iowa	92 (1.9)	223 (1.4)	5 (1.7)	227 (4.7)!	3 (1.1)	211 (10.4)!
Kentucky	91 (2.0)	212 (1.5)	3 (1.0)	202 (6.0)!	6 (1.7)	207 (8.1)!
Louisiana	77 (3.4)	198 (1.5)	18 (3.7)	200 (3.7)!	4 (1.4)	178 (8.1)!
Maine	85 (3.3)	228 (1.4)	9 (2.6)	233 (4.7)!	5 (1.7)	225 (4.2)!
Maryland	81 (3.2)	212 (1.8)	17 (3.1)	202 (4.8)	2 (1.1)	*** (***)
Massachusetts	85 (2.5)	225 (1.5)	10 (2.2)	215 (4.4)!	3 (0.9)	210 (7.0)!
Minnesota	88 (2.4)	219 (1.4)	7 (2.0)	222 (4.0)!	4 (1.0)	205 (4.6)!
Mississippi	88 (2.5)	202 (1.9)	10 (2.3)	206 (3.5)!	2 (0.8)	*** (***)
Missouri	89 (2.3)	219 (1.6)	4 (1.1)	192 (8.9)!	5 (1.6)	208 (7.0)!
Montana†	91 (2.0)	224 (1.4)	6 (1.8)	214 (3.4)!	3 (0.7)	184 (9.2)!
Nebraska†	93 (1.6)	220 (1.5)	5 (1.6)	215 (7.9)!	2 (0.7)	*** (***)
New Hampshire†	84 (2.7)	224 (1.4)	13 (3.0)	222 (4.8)!	3 (1.1)	*** (***)
New Jersey	79 (3.3)	223 (1.5)	9 (2.1)	217 (6.8)!	10 (2.2)	215 (5.6)!
New Mexico	90 (2.4)	206 (1.9)	3 (1.1)	200 (7.6)!	5 (1.6)	193 (6.6)!
New York	71 (3.6)	214 (1.9)	21 (3.1)	211 (3.5)	8 (1.7)	200 (5.7)!
North Carolina	88 (2.5)	215 (1.8)	9 (2.2)	217 (4.4)!	3 (1.1)	189 (11.0)!
North Dakota	91 (2.4)	226 (1.2)	1 (0.8)	*** (***)	3 (1.2)	215 (5.0)!
Pennsylvania†	77 (3.7)	219 (2.1)	13 (3.1)	199 (6.5)!	10 (2.3)	216 (4.9)!
Rhode Island†	90 (1.8)	219 (1.5)	6 (1.6)	227 (5.5)!	4 (1.1)	226 (7.2)!
South Carolina	87 (2.3)	205 (1.6)	8 (1.8)	200 (3.9)!	5 (1.2)	186 (7.8)!
Tennessee†	85 (2.8)	213 (2.0)	2 (0.8)	*** (***)	12 (2.3)	208 (5.4)!
Texas	83 (3.1)	213 (2.4)	15 (3.1)	212 (6.6)!	2 (0.9)	*** (***)
Utah	92 (2.4)	219 (1.2)	5 (1.8)	205 (7.4)!	2 (0.6)	*** (***)
Virginia	85 (3.0)	213 (1.6)	11 (2.6)	216 (7.0)!	4 (1.5)	211 (6.3)!
Washington	95 (1.3)	213 (1.4)	2 (0.8)	*** (***)	3 (0.9)	218 (8.4)!
West Virginia	68 (4.3)	216 (1.4)	10 (2.4)	209 (4.1)!	3 (0.9)	194 (7.0)!
Wisconsin†	91 (2.5)	224 (1.2)	6 (2.0)	219 (4.3)!	3 (1.3)	*** (***)
Wyoming	91 (1.9)	222 (1.2)	4 (1.0)	223 (5.5)!	4 (1.7)	198 (13.1)!
Other Jurisdictions						
DoDEA Overseas	89 (1.6)	218 (0.8)	7 (1.2)	215 (4.0)	3 (0.7)	*** (***)
Guam	97 (0.5)	181 (1.4)	3 (0.5)	*** (***)	0 (0.1)	*** (***)

---

* Percentages may not add to 100% because a very small percentage of teachers reported that there was no library at their school. Also, the question associated with this variable was reworded from 1992 to 1994. The results are not comparable, therefore, no trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 44

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assign Reading a Book from the Library***

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

How often do you assign students to read a book from the library?	**At Least Once a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	50 (2.8)	216 (1.6)	31 (2.7)	219 (2.2)	19 (2.3)	213 (2.6)
Northeast	43 (6.7)	221 (6.4)	36 (6.2)	219 (3.8)	20 (5.7)	216 (3.3)!
Southeast	47 (3.3)	208 (2.9)	31 (4.8)	214 (4.7)	22 (5.1)	218 (5.2)!
Central	57 (5.6)	221 (2.4)	27 (5.8)	221 (2.3)!	17 (3.6)	213 (4.9)!
West	52 (6.6)	212 (2.5)	30 (4.4)	220 (5.9)	18 (4.7)	206 (5.1)!
States						
Alabama	47 (3.5)	207 (2.4)	40 (3.3)	207 (2.4)	14 (2.9)	210 (2.9)!
Arizona	52 (3.3)	210 (1.8)	32 (2.8)	211 (2.3)	16 (2.4)	209 (2.9)
Arkansas	45 (3.9)	210 (2.0)	31 (3.9)	213 (2.1)	24 (3.5)	210 (2.4)
California	57 (3.9)	199 (2.7)	29 (2.9)	211 (2.8)	12 (2.3)	202 (8.5)
Colorado	46 (3.1)	216 (1.5)	32 (3.3)	220 (2.0)	22 (2.9)	216 (3.0)
Connecticut	38 (3.3)	220 (2.7)	46 (3.8)	227 (2.0)	14 (2.1)	221 (3.8)
Delaware†	32 (1.0)	215 (1.1)	40 (1.3)	215 (1.4)	26 (1.0)	209 (1.3)
Florida	58 (2.4)	207 (2.0)	30 (2.0)	210 (1.9)	12 (1.8)	211 (3.1)
Georgia	60 (3.3)	211 (1.7)	30 (2.7)	213 (2.9)	10 (1.8)	211 (4.3)
Hawaii	55 (3.2)	201 (2.2)	33 (2.9)	208 (2.3)	13 (2.2)	195 (3.4)
Indiana	41 (3.4)	219 (1.8)	40 (3.2)	223 (2.1)	19 (3.0)	223 (2.2)
Iowa	48 (3.6)	226 (1.6)	23 (2.5)	224 (1.9)	29 (3.3)	226 (1.7)
Kentucky	35 (3.5)	210 (2.2)	41 (3.4)	215 (2.1)	22 (3.3)	212 (1.8)
Louisiana	46 (4.0)	203 (1.9)	35 (3.2)	207 (2.2)	19 (2.8)	201 (3.4)
Maine†	33 (3.9)	226 (2.1)	43 (4.3)	229 (1.8)	22 (3.0)	224 (2.5)
Maryland	42 (3.0)	210 (2.5)	44 (3.3)	213 (2.4)	14 (2.5)	208 (3.5)
Massachusetts	37 (3.5)	226 (2.2)	50 (3.5)	228 (1.5)	13 (2.2)	226 (3.5)
Minnesota	48 (3.8)	220 (2.0)	28 (3.0)	221 (2.1)	24 (3.0)	222 (3.2)
Mississippi	44 (3.1)	199 (2.3)	41 (3.9)	199 (2.3)	14 (2.5)	201 (3.9)
Missouri	53 (4.0)	219 (2.0)	31 (3.2)	222 (1.9)	16 (3.0)	225 (4.3)!
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	58 (4.6)	221 (1.5)	27 (3.9)	224 (2.2)	15 (3.0)	217 (3.5)!
New Hampshire†	40 (3.0)	228 (1.6)	44 (3.4)	229 (1.9)	15 (2.3)	224 (2.6)
New Jersey†	37 (3.5)	220 (2.4)	47 (3.9)	225 (1.8)	16 (3.3)	227 (4.9)!
New Mexico	51 (4.2)	210 (1.8)	32 (3.8)	214 (4.1)	16 (3.4)	206 (3.3)!
New York†	40 (3.8)	210 (2.8)	45 (3.8)	219 (2.5)	14 (2.1)	216 (3.3)
North Carolina	52 (3.1)	210 (1.9)	32 (2.8)	213 (1.7)	16 (2.1)	213 (3.2)
North Dakota	48 (4.2)	225 (2.0)	33 (4.6)	227 (2.5)	18 (3.8)	224 (2.4)!
Pennsylvania	38 (3.2)	218 (2.2)	37 (3.0)	221 (2.5)	23 (3.0)	224 (2.9)
Rhode Island	27 (2.8)	211 (2.9)	56 (3.4)	220 (2.2)	17 (3.0)	216 (4.9)
South Carolina	48 (3.4)	207 (2.1)	35 (2.8)	215 (2.5)	16 (2.5)	204 (3.7)
Tennessee	40 (2.7)	209 (2.0)	43 (3.3)	215 (2.2)	17 (2.4)	209 (2.7)
Texas	51 (3.3)	213 (2.2)	38 (3.4)	216 (3.0)	12 (2.0)	209 (5.1)
Utah	62 (3.3)	221 (1.5)	20 (2.4)	219 (1.9)	18 (3.0)	219 (2.5)
Virginia	46 (2.9)	222 (2.0)	42 (2.6)	220 (2.1)	12 (2.0)	225 (3.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	46 (3.7)	219 (2.0)	33 (3.2)	213 (2.1)	17 (2.7)	212 (2.9)
Wisconsin	55 (3.6)	222 (1.5)	27 (3.3)	226 (1.8)	18 (2.6)	226 (1.8)
Wyoming	45 (3.6)	225 (1.5)	30 (3.2)	224 (2.1)	25 (2.9)	220 (2.2)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	61 (0.7)	179 (1.7)	22 (0.7)	191 (2.2)	17 (0.5)	*** (***)

(continued on next page)

* Percentages may not add to 100% because a very small percentage of teachers reported that there was no library at their school.

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 44 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assign Reading a Book from the Library***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you assign students to read a book from the library?	At Least Once a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	47 (3.1)	212 (1.5)	37 (2.8)	215 (2.0)	17 (1.5)	213 (3.2)
Northeast	35 (5.3)	216 (2.7)	44 (4.7)	211 (4.1)	21 (2.7)	214 (5.6)
Southeast	52 (4.1)	208 (2.9)	33 (2.2)	205 (3.6)	14 (3.5)	213 (5.8)!
Central	43 (8.6)	218 (3.1)!	41 (8.8)	222 (3.2)!	15 (2.8)	214 (7.3)!
West	53 (6.1)	210 (3.0)	30 (4.5)	220 (3.2)	16 (3.0)	213 (6.5)
States						
Alabama	47 (3.2)	206 (2.2)	35 (2.9)	214 (1.9)	17 (3.0)	203 (3.4)
Arizona	54 (2.5)	207 (2.3)	30 (2.6)	209 (2.6)	16 (2.2)	202 (3.6)
Arkansas	51 (4.2)	208 (2.0)	29 (3.3)	212 (2.8)	20 (3.1)	206 (3.6)
California	53 (3.5)	199 (2.6)	31 (3.3)	195 (2.4)	15 (2.4)	199 (5.1)
Colorado	53 (3.5)	212 (1.5)	24 (2.8)	217 (3.1)	23 (2.6)	215 (2.9)
Connecticut	43 (3.4)	221 (2.5)	41 (3.2)	226 (3.0)	14 (2.5)	223 (3.7)
Delaware	40 (1.0)	210 (1.7)	36 (1.5)	207 (2.0)	24 (1.0)	200 (2.7)
Florida	57 (2.9)	201 (2.3)	32 (2.7)	211 (2.6)	11 (1.9)	202 (4.2)
Georgia	58 (3.1)	207 (3.5)	29 (2.9)	214 (2.6)	12 (1.7)	197 (3.6)
Hawaii	61 (3.1)	203 (2.1)	28 (2.8)	204 (3.4)	11 (1.6)	182 (3.9)
Indiana	47 (4.0)	219 (2.2)	34 (3.7)	223 (2.0)	18 (2.6)	219 (3.3)
Iowa	59 (3.4)	224 (1.7)	20 (3.0)	221 (3.1)	21 (2.8)	222 (2.4)
Kentucky	51 (3.3)	212 (2.4)	30 (2.6)	214 (2.3)	19 (2.4)	206 (2.9)
Louisiana	50 (3.3)	195 (2.1)	35 (3.2)	202 (2.8)	14 (2.6)	193 (3.8)
Maine	33 (3.5)	230 (1.7)	42 (3.3)	230 (1.9)	24 (3.0)	225 (2.0)
Maryland	42 (3.6)	209 (2.3)	40 (3.6)	210 (3.0)	18 (2.5)	213 (2.9)
Massachusetts	45 (3.5)	222 (2.2)	40 (3.5)	226 (1.8)	13 (2.6)	221 (3.9)
Minnesota	52 (3.2)	218 (2.0)	30 (2.8)	221 (2.0)	17 (2.6)	218 (3.1)
Mississippi	47 (3.8)	202 (2.7)	39 (3.8)	203 (2.4)	14 (2.8)	198 (5.4)!
Missouri	53 (2.6)	217 (1.9)	25 (2.5)	213 (2.8)	20 (2.2)	220 (3.2)
Montana†	58 (3.7)	222 (1.8)	29 (3.4)	224 (2.1)	13 (2.0)	220 (3.5)
Nebraska†	61 (3.7)	220 (1.9)	26 (3.0)	220 (2.6)	13 (2.7)	220 (3.9)!
New Hampshire†	40 (3.8)	223 (2.1)	38 (3.2)	225 (2.3)	21 (3.1)	221 (2.3)
New Jersey	39 (2.9)	221 (2.4)	49 (3.2)	220 (2.1)	10 (2.0)	219 (4.9)
New Mexico	55 (3.0)	203 (2.3)	28 (2.8)	212 (2.7)	16 (2.3)	197 (3.6)
New York	42 (3.0)	207 (2.6)	46 (3.2)	217 (2.0)	12 (1.7)	211 (4.3)
North Carolina	56 (3.3)	215 (1.9)	30 (2.8)	213 (2.9)	12 (2.2)	212 (3.4)
North Dakota	58 (3.7)	227 (1.4)	28 (3.8)	222 (2.5)	13 (2.7)	223 (3.0)
Pennsylvania†	47 (4.0)	218 (2.7)	37 (3.8)	215 (2.7)	16 (3.0)	213 (4.2)
Rhode Island†	32 (2.3)	220 (2.5)	49 (3.1)	221 (1.8)	19 (2.7)	217 (3.0)
South Carolina	57 (3.5)	204 (2.0)	33 (3.1)	206 (2.0)	10 (1.7)	190 (4.1)
Tennessee†	47 (4.4)	212 (2.7)	33 (3.5)	215 (3.3)	18 (3.4)	210 (5.6)
Texas	48 (3.2)	211 (2.6)	34 (3.8)	216 (2.8)	18 (3.1)	210 (5.3)
Utah	63 (2.9)	219 (1.4)	24 (2.5)	217 (2.2)	11 (1.8)	210 (3.9)
Virginia	50 (2.9)	210 (2.1)	38 (2.9)	219 (2.8)	13 (2.1)	210 (4.0)
Washington	56 (3.4)	213 (1.6)	23 (3.1)	220 (2.3)	21 (2.7)	207 (3.3)
West Virginia	57 (4.2)	215 (1.4)	27 (3.3)	213 (2.3)	12 (2.5)	204 (4.3)!
Wisconsin†	56 (3.9)	224 (1.6)	26 (3.5)	223 (2.5)	18 (2.8)	228 (2.5)
Wyoming	54 (2.8)	222 (1.5)	26 (2.9)	222 (2.4)	21 (2.9)	217 (3.2)
Other Jurisdictions						
DoDEA Overseas	55 (3.1)	216 (1.1)	32 (2.3)	219 (1.4)	13 (2.2)	217 (3.2)
Guam	74 (0.7)	180 (1.4)	15 (0.7)	*** (***)	10 (0.6)	*** (***)

* Percentages may not add to 100% because a very small percentage of teachers reported that there was no library at their school. Also, the question associated with this variable was reworded from 1992 to 1994. The results are not comparable, therefore, no trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 45 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assess Students Using Multiple-Choice Tests**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use multiple-choice tests to assess students?	At Least Once a Week		At Least Once a Month		Less Than Monthly	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	14 (2.1)	208 (3.1)	49 (3.3)	217 (1.7)	36 (3.2)	219 (2.1)
Northeast	13 (4.9)	214 (7.6)!	48 (5.7)	217 (3.9)	38 (7.6)	223 (5.5)!
Southeast	22 (4.2)	204 (4.2)!	58 (6.2)	215 (2.5)	19 (4.4)	214 (9.7)!
Central	11 (4.4)	218 (5.5)!	51 (7.1)	220 (3.3)	37 (6.1)	220 (2.8)
West	10 (2.7)	198 (3.8)!	39 (6.4)	214 (4.1)	51 (7.0)	216 (3.7)
States						
Alabama	32 (2.8)	205 (2.3)	56 (3.5)	210 (2.1)	12 (2.2)	202 (5.0)
Arizona	12 (1.8)	205 (3.9)	43 (3.3)	211 (1.7)	45 (3.2)	209 (2.1)
Arkansas	33 (3.5)	208 (2.0)	50 (3.5)	212 (2.1)	17 (2.7)	212 (2.9)
California	4 (1.4)	210 (6.2)!	30 (3.3)	202 (4.0)	66 (3.4)	203 (2.4)
Colorado	7 (2.1)	219 (3.5)!	26 (3.2)	215 (2.3)	67 (3.2)	218 (1.5)
Connecticut	6 (1.5)	222 (6.0)!	45 (3.4)	222 (2.2)	49 (3.8)	225 (2.0)
Delaware†	14 (0.7)	212 (2.3)	56 (1.2)	213 (1.1)	30 (1.0)	216 (1.5)
Florida	15 (2.1)	209 (3.6)	53 (3.0)	208 (1.4)	31 (3.1)	208 (2.1)
Georgia	20 (2.5)	206 (3.4)	63 (2.8)	214 (1.9)	17 (2.4)	210 (4.0)
Hawaii	11 (1.8)	204 (4.0)	49 (2.8)	206 (1.8)	40 (3.1)	198 (2.6)
Indiana	10 (2.5)	217 (2.9)!	65 (3.2)	221 (1.5)	25 (2.6)	224 (3.1)
Iowa	5 (1.6)	228 (4.3)!	54 (4.1)	224 (1.4)	41 (4.1)	226 (1.9)
Kentucky	19 (3.3)	212 (2.6)	51 (3.8)	211 (1.5)	30 (3.3)	216 (2.6)
Louisiana	51 (3.4)	204 (1.7)	38 (3.3)	201 (2.3)	10 (2.0)	216 (3.7)!
Maine†	3 (1.6)	*** (***)	33 (3.7)	226 (2.1)	64 (4.1)	227 (1.4)
Maryland	7 (1.4)	191 (7.2)	39 (3.4)	210 (2.8)	54 (3.4)	214 (1.9)
Massachusetts	12 (2.2)	223 (3.6)	36 (3.4)	221 (2.0)	52 (2.8)	231 (1.6)
Minnesota	8 (2.1)	222 (2.5)!	61 (3.9)	222 (1.6)	31 (3.5)	217 (3.1)
Mississippi	44 (3.6)	197 (2.5)	49 (3.8)	202 (1.8)	7 (1.5)	199 (4.4)!
Missouri	18 (2.6)	218 (3.0)	56 (3.7)	220 (1.7)	26 (3.0)	222 (3.0)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	6 (2.9)	*** (***)	56 (3.8)	221 (1.7)	38 (3.7)	221 (2.0)
New Hampshire†	7 (2.0)	233 (3.1)!	38 (3.7)	227 (1.9)	56 (3.8)	228 (1.5)
New Jersey†	26 (3.8)	215 (3.2)	54 (4.3)	224 (2.2)	19 (3.2)	233 (2.8)
New Mexico	9 (1.9)	212 (3.8)!	44 (3.8)	213 (2.6)	47 (3.8)	209 (2.4)
New York†	14 (2.9)	199 (7.5)!	46 (3.2)	216 (2.3)	40 (3.5)	220 (2.4)
North Carolina	14 (2.3)	206 (2.8)	54 (3.6)	211 (1.7)	32 (3.6)	215 (2.2)
North Dakota	11 (2.3)	226 (4.3)!	61 (4.2)	223 (1.4)	28 (3.8)	229 (1.8)
Pennsylvania	16 (2.8)	221 (3.4)	54 (3.6)	221 (1.8)	29 (3.4)	220 (2.9)
Rhode Island	10 (2.2)	215 (6.3)!	51 (3.2)	215 (2.2)	39 (3.6)	221 (2.2)
South Carolina	25 (2.8)	204 (3.0)	59 (3.0)	212 (1.5)	16 (2.2)	211 (3.0)
Tennessee	25 (2.8)	207 (3.2)	57 (2.9)	213 (1.8)	18 (2.5)	215 (3.2)
Texas	28 (3.7)	211 (3.7)	49 (3.4)	216 (2.4)	23 (3.1)	214 (2.7)
Utah	19 (2.4)	220 (2.9)	51 (3.1)	221 (1.3)	31 (2.8)	218 (1.9)
Virginia	11 (1.9)	218 (3.0)	56 (2.8)	221 (1.8)	34 (3.0)	224 (2.4)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	23 (2.6)	218 (3.0)	60 (3.3)	214 (1.8)	17 (2.8)	215 (3.7)
Wisconsin	4 (1.6)	215 (7.9)!	53 (4.2)	227 (1.3)	43 (4.1)	221 (1.5)
Wyoming	8 (1.8)	222 (3.7)!	49 (3.8)	223 (1.6)	43 (4.1)	224 (1.8)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	29 (1.1)	179 (2.0)	49 (1.1)	182 (1.9)	21 (1.0)	183 (3.1)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 45

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assess Students Using Multiple-Choice Tests***

How often do you use multiple-choice tests to assess students?	At Least Once a Week		At Least Once a Month		Less Than Monthly	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	12 (1.9)	211 (3.1)	49 (2.1)	212 (1.7)	39 (2.6)	215 (2.1)
Northeast	5 (2.6)	194 (7.2)!	51 (4.5)	209 (3.9)	44 (5.5)	218 (3.9)
Southeast	17 (3.6)	206 (5.7)!	59 (3.9)	208 (2.7)	24 (4.4)	210 (4.4)
Central	12 (2.8)	216 (2.6)!	54 (4.5)	219 (3.4)	34 (3.8)	220 (5.1)
West	11 (4.9)	217 (9.3)!	36 (4.2)	213 (2.9)	53 (6.4)	213 (3.5)
States						
Alabama	37 (3.4)	203 (2.2)	49 (3.5)	211 (2.1)	15 (2.4)	211 (3.8)
Arizona	11 (2.0)	198 (4.3)	41 (3.1)	208 (2.8)	47 (3.5)	207 (2.6)
Arkansas	44 (3.4)	207 (3.0)	39 (3.1)	212 (2.3)	17 (2.6)	205 (3.3)
California	6 (1.5)	196 (5.6)!	25 (3.1)	203 (3.3)	69 (2.9)	196 (2.5)
Colorado	5 (1.5)	209 (4.7)!	28 (3.0)	213 (2.3)	67 (3.0)	215 (1.7)
Connecticut	4 (1.2)	212 (11.0)!	47 (3.6)	216 (2.8)	50 (3.5)	229 (2.3)
Delaware	8 (0.5)	203 (7.6)	49 (1.1)	207 (1.5)	43 (1.1)	206 (1.8)
Florida	20 (2.4)	193 (4.0)	46 (3.2)	208 (2.4)	34 (3.1)	207 (2.8)
Georgia	22 (2.8)	206 (3.4)	54 (3.1)	207 (3.8)	24 (3.1)	212 (3.8)
Hawaii	10 (1.7)	192 (5.6)	47 (3.0)	207 (2.1)	43 (2.9)	196 (2.3)
Indiana	17 (2.7)	217 (3.6)	56 (3.4)	223 (1.8)	27 (3.5)	218 (3.2)
Iowa	5 (1.7)	225 (4.0)!	45 (4.1)	224 (2.0)	51 (4.1)	223 (2.0)
Kentucky	8 (1.9)	212 (5.8)!	33 (3.5)	212 (2.6)	59 (3.7)	211 (1.7)
Louisiana	58 (4.1)	197 (2.4)	31 (3.4)	193 (3.4)	11 (2.3)	208 (3.9)!
Maine	3 (1.3)	*** (***)	20 (2.4)	226 (2.5)	77 (3.0)	230 (1.3)
Maryland	7 (1.6)	184 (6.0)!	36 (3.8)	208 (2.7)	57 (3.6)	215 (2.3)
Massachusetts	8 (1.8)	221 (4.5)!	41 (3.7)	223 (2.3)	51 (3.7)	224 (1.9)
Minnesota	3 (1.1)	*** (***)	54 (4.0)	219 (1.7)	44 (3.9)	218 (2.3)
Mississippi	44 (3.5)	202 (2.8)	49 (3.7)	202 (2.3)	6 (1.5)	197 (5.2)!
Missouri	15 (2.8)	214 (6.1)	56 (3.7)	217 (1.8)	30 (3.3)	219 (3.1)
Montana†	7 (2.1)	223 (4.4)!	49 (3.8)	222 (1.7)	45 (3.7)	222 (2.0)
Nebraska†	9 (2.7)	218 (5.2)!	53 (4.6)	219 (1.8)	39 (4.4)	223 (2.2)
New Hampshire†	7 (2.1)	228 (4.7)!	42 (3.8)	223 (2.3)	52 (4.1)	224 (1.8)
New Jersey	15 (2.4)	209 (5.3)	52 (4.2)	219 (1.9)	33 (4.2)	228 (2.5)
New Mexico	10 (1.7)	204 (5.0)	43 (3.1)	210 (2.3)	48 (3.0)	201 (2.4)
New York	13 (2.2)	204 (4.8)	46 (3.5)	210 (2.4)	41 (3.6)	216 (2.7)
North Carolina	17 (2.6)	211 (2.7)	54 (3.3)	212 (1.8)	29 (3.0)	219 (2.8)
North Dakota	12 (2.5)	230 (2.1)!	49 (3.5)	225 (2.0)	39 (3.5)	224 (1.9)
Pennsylvania†	15 (3.1)	220 (4.0)!	56 (4.4)	215 (2.7)	29 (4.1)	217 (3.1)
Rhode Island†	13 (2.4)	213 (3.6)	33 (2.9)	221 (2.1)	54 (3.5)	222 (2.0)
South Carolina	21 (3.0)	200 (3.2)	53 (3.1)	204 (2.0)	25 (2.9)	206 (3.4)
Tennessee†	29 (3.6)	206 (4.0)	55 (4.0)	216 (2.3)	17 (3.7)	215 (4.2)!
Texas	21 (2.6)	205 (3.4)	46 (3.5)	216 (2.5)	33 (3.4)	213 (3.3)
Utah	14 (2.3)	220 (3.7)	51 (2.8)	220 (1.7)	34 (2.9)	214 (1.9)
Virginia	14 (2.0)	204 (3.2)	44 (3.2)	211 (2.1)	42 (3.6)	219 (1.9)
Washington	5 (1.6)	215 (5.6)!	37 (3.2)	214 (2.2)	58 (3 4)	213 (1.9)
West Virginia	23 (3.5)	211 (2.3)	52 (4.0)	215 (1.6)	25 (3.1)	210 (2.9)
Wisconsin†	2 (1.0)	*** (***)	40 (3.5)	224 (1.8)	58 (3.6)	225 (1.5)
Wyoming	9 (2.1)	213 (3.8)!	44 (2.9)	223 (1.8)	47 (3.4)	221 (1.3)
Other Jurisdictions						
'DoDEA Overseas	10 (1.1)	214 (3.0)	55 (2.3)	217 (1.2)	35 (2.3)	218 (1.3)
Guam	20 (0.7)	*** (***)	48 (1.0)	180 (1.9)	32 (1.1)	177 (2.1)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 46 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Assess Students' Reading with Writing Assignments***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you assess students with writing assignments about their reading?	**At Least Once a Week**		**At Least Once a Month**		**Less Than Monthly**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	39 (3.0)	215 (1.5)	44 (2.9)	214 (1.5)	17 (1.7)	208 (2.8)
Northeast	47 (4.0)	212 (2.2)	41 (4.1)	215 (3.5)	12 (2.1)	207 (10.5)
Southeast	36 (3.9)	213 (3.0)	41 (3.3)	208 (2.4)	23 (4.7)	201 (3.7)!
Central	39 (8.3)	223 (2.5)	40 (7.9)	216 (3.9)!	21 (3.6)	215 (3.9)!
West	37 (6.1)	213 (3.4)	51 (6.0)	215 (2.4)	12 (2.6)	211 (6.9)!
States						
Alabama	26 (3.0)	211 (2.0)	47 (3.4)	211 (1.8)	27 (3.2)	201 (2.9)
Arizona	40 (3.1)	207 (2.9)	45 (3.1)	208 (2.6)	15 (1.9)	199 (4.0)
Arkansas	27 (2.8)	210 (3.1)	44 (3.5)	211 (2.0)	30 (3.3)	204 (3.4)
California	53 (3.1)	200 (2.6)	38 (3.5)	196 (3.0)	9 (2.3)	190 (8.2)!
Colorado	45 (2.9)	213 (2.0)	46 (3.0)	215 (2.1)	9 (1.4)	211 (4.3)
Connecticut	47 (3.2)	227 (2.0)	41 (3.0)	219 (3.1)	12 (2.0)	212 (4.4)
Delaware	37 (1.5)	214 (2.2)	49 (1.4)	206 (1.3)	14 (0.8)	187 (3.1)
Florida	44 (3.3)	204 (2.7)	42 (3.2)	205 (2.2)	14 (1.8)	205 (3.9)
Georgia	35 (2.7)	215 (3.1)	46 (3.1)	207 (3.8)	19 (2.4)	199 (3.4)
Hawaii	47 (2.6)	200 (2.0)	43 (2.5)	204 (2.7)	9 (1.3)	192 (5.2)
Indiana	21 (2.8)	220 (3.9)	52 (3.5)	223 (1.6)	28 (3.1)	215 (2.6)
Iowa	38 (3.6)	224 (2.2)	45 (3.3)	224 (2.0)	18 (3.0)	219 (2.8)
Kentucky	61 (3.6)	213 (1.8)	34 (3.3)	210 (1.9)	6 (1.7)	205 (6.5)!
Louisiana	25 (3.6)	197 (3.7)	44 (3.6)	196 (2.1)	30 (2.8)	198 (3.0)
Maine	44 (3.6)	232 (1.5)	44 (3.6)	226 (2.1)	12 (2.2)	224 (3.3)
Maryland	50 (3.6)	209 (2.7)	41 (3.7)	212 (2.4)	9 (2.3)	203 (5.5)!
Massachusetts	41 (3.0)	225 (2.3)	52 (3.0)	224 (2.2)	7 (1.3)	210 (4.1)
Minnesota	31 (3.2)	221 (1.9)	45 (3.5)	217 (2.2)	25 (3.3)	219 (2.1)
Mississippi	27 (3.2)	203 (3.4)	51 (2.8)	201 (2.3)	22 (2.7)	203 (3.6)
Missouri	31 (3.0)	223 (3.2)	43 (2.8)	216 (1.8)	26 (3.1)	212 (2.5)
Montana†	36 (3.4)	224 (1.8)	43 (3.4)	223 (1.7)	21 (3.0)	219 (2.7)
Nebraska†	41 (4.4)	224 (2.0)	45 (4.2)	219 (2.0)	13 (2.6)	211 (3.9)!
New Hampshire†	39 (3.6)	222 (2.1)	41 (3.5)	224 (2.0)	19 (3.2)	225 (2.2)
New Jersey	47 (3.6)	226 (1.7)	40 (3.6)	216 (2.3)	13 (2.4)	215 (5.0)
New Mexico	37 (3.0)	207 (2.5)	45 (2.9)	205 (2.6)	18 (2.1)	201 (3.9)
New York	39 (3.3)	210 (2.4)	50 (3.1)	213 (1.9)	11 (1.7)	209 (5.1)
North Carolina	47 (3.5)	214 (2.3)	43 (3.4)	215 (2.1)	10 (2.1)	209 (4.0)!
North Dakota	28 (3.3)	226 (1.8)	40 (3.1)	229 (1.6)	32 (3.4)	220 (2.2)
Pennsylvania†	31 (3.4)	221 (3.2)	55 (3.7)	216 (2.2)	14 (2.4)	205 (5.3)
Rhode Island†	39 (4.0)	220 (1.9)	49 (4.2)	222 (2.0)	12 (2.2)	213 (4.6)
South Carolina	31 (2.7)	202 (2.8)	48 (3.6)	208 (1.8)	22 (3.2)	197 (2.8)
Tennessee†	25 (3.2)	209 (4.0)	46 (4.1)	213 (2.8)	29 (3.7)	216 (3.2)
Texas	42 (3.4)	213 (2.9)	46 (3.3)	214 (2.5)	12 (2.5)	204 (4.2)!
Utah	31 (2.8)	219 (2.3)	43 (2.7)	220 (1.9)	26 (2.6)	213 (2.6)
Virginia	49 (2.9)	213 (1.8)	41 (2.9)	215 (1.9)	10 (1.7)	209 (4.6)
Washington	31 (3.0)	216 (2.0)	46 (3.0)	215 (1.7)	23 (2.6)	206 (3.1)
West Virginia	26 (3.7)	215 (2.7)	50 (3.9)	213 (1.7)	24 (3.6)	210 (2.1)
Wisconsin†	35 (3.4)	224 (2.1)	50 (3.5)	225 (1.5)	15 (2.4)	222 (2.5)
Wyoming	36 (3.3)	225 (1.3)	41 (3.4)	219 (2.0)	22 (2.8)	218 (3.1)
Other Jurisdictions						
DoDEA Overseas	40 (2.6)	218 (1.3)	43 (2.5)	216 (1.4)	17 (1.8)	217 (2.1)
Guam	61 (0.9)	181 (1.6)	34 (0.8)	178 (1.9)	5 (0.4)	*** (***)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 47

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Reading Portfolios to Assess Students**

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

How often do you use reading portfolios to assess students?	At Least Once a Week		At Least Once a Month		Less Than Monthly	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	14 (1.8)	217 (4.2)	25 (2.3)	221 (2.4)	60 (3.4)	214 (1.3)
Northeast	17 (5.1)	224 (12.2)!	18 (4.3)	221 (9.3)!	65 (7.0)	218 (2.7)
Southeast	11 (3.1)	216 (12.7)!	23 (4.8)	218 (5.6)!	66 (7.3)	210 (1.9)
Central	14 (3.1)	215 (4.8)!	30 (5.1)	222 (3.9)	56 (6.8)	220 (2.4)
West	17 (3.5)	211 (5.3)!	29 (4.2)	223 (3.8)	54 (5.8)	210 (3.4)
States						
Alabama	8 (1.7)	211 (5.7)!	22 (2.7)	209 (3.6)	70 (3.1)	206 (2.1)
Arizona	10 (2.0)	208 (4.2)	21 (2.2)	208 (2.6)	69 (2.7)	210 (1.5)
Arkansas	7 (2.2)	205 (6.0)!	14 (2.5)	209 (2.8)	79 (3.0)	212 (1.5)
California	14 (1.9)	205 (5.0)	31 (3.2)	201 (3.6)	55 (3.9)	203 (2.7)
Colorado	17 (2.1)	220 (3.1)	25 (3.3)	217 (2.1)	58 (3.6)	217 (1.6)
Connecticut	17 (2.1)	222 (3.0)	21 (2.8)	225 (2.9)	62 (3.2)	223 (2.1)
Delaware†	8 (0.6)	212 (3.8)	16 (1.1)	221 (2.2)	76 (1.2)	212 (0.7)
Florida	18 (2.5)	211 (3.0)	30 (2.8)	204 (2.5)	52 (3.9)	210 (1.4)
Georgia	24 (2.6)	209 (3.7)	32 (3.2)	214 (2.8)	45 (3.6)	212 (2.3)
Hawaii	20 (2.8)	206 (3.8)	23 (2.4)	202 (3.5)	57 (3.1)	202 (2.0)
Indiana	5 (1.4)	214 (6.5)!	11 (2.2)	219 (4.6)	84 (2.6)	222 (1.4)
Iowa	13 (2.5)	224 (3.2)	18 (2.4)	227 (2.3)	69 (3.1)	225 (1.2)
Kentucky	21 (3.0)	212 (1.9)	17 (2.6)	213 (3.3)	62 (3.9)	213 (1.6)
Louisiana	6 (1.2)	206 (5.8)!	15 (2.5)	201 (4.0)	79 (2.6)	204 (1.3)
Maine†	13 (2.8)	228 (4.2)!	19 (2.8)	229 (2.6)	68 (3.3)	226 (1.4)
Maryland	14 (2.3)	213 (2.7)	32 (2.7)	210 (3.1)	53 (3.4)	211 (2.5)
Massachusetts	11 (2.2)	225 (4.1)!	16 (2.2)	227 (2.7)	73 (3.2)	227 (1.2)
Minnesota	11 (2.6)	220 (4.5)!	19 (2.8)	226 (2.6)	71 (3.2)	219 (2.0)
Mississippi	5 (1.7)	202 (3.3)!	17 (2.9)	198 (3.7)	78 (2.9)	200 (1.6)
Missouri	9 (2.1)	221 (4.6)!	21 (3.3)	223 (4.0)	69 (3.9)	219 (1.4)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	19 (3.1)	220 (2.3)	22 (2.6)	220 (2.4)	59 (3.4)	222 (1.5)
New Hampshire†	10 (2.0)	227 (3.0)	18 (2.6)	228 (2.1)	72 (3.1)	229 (1.5)
New Jersey†	8 (2.0)	222 (4.9)!	23 (3.0)	221 (3.5)	68 (3.8)	224 (1.7)
New Mexico	15 (2.8)	211 (4.0)!	23 (3.5)	209 (2.6)	62 (4.3)	211 (2.7)
New York†	12 (2.1)	212 (3.8)	19 (2.6)	208 (5.3)	69 (3.2)	217 (1.9)
North Carolina	12 (2.5)	211 (3.8)!	26 (2.9)	210 (2.6)	62 (3.2)	212 (1.7)
North Dakota	4 (1.3)	*** (***)	14 (2.8)	222 (3.1)!	83 (3.0)	226 (1.3)
Pennsylvania	7 (1.9)	217 (3.5)!	20 (2.8)	215 (3.0)	73 (3.3)	222 (1.5)
Rhode Island	9 (1.7)	218 (6.9)	21 (2.6)	217 (2.4)	70 (3.3)	217 (2.4)
South Carolina	7 (1.3)	202 (5.5)	21 (2.3)	209 (2.4)	72 (2.6)	211 (1.5)
Tennessee	7 (1.5)	209 (4.4)!	16 (2.0)	205 (3.7)	77 (2.3)	213 (1.5)
Texas	9 (2.0)	212 (4.3)!	20 (2.6)	213 (4.1)	71 (3.1)	214 (1.7)
Utah	10 (2.3)	225 (4.3)!	15 (2.3)	223 (2.2)	75 (3.2)	219 (1.2)
Virginia	15 (2.0)	221 (3.4)	30 (3.0)	224 (2.5)	55 (3.6)	220 (1.7)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	6 (1.9)	216 (7.8)!	19 (2.6)	212 (4.0)	75 (2.9)	216 (1.4)
Wisconsin	7 (1.6)	225 (3.3)!	22 (2.9)	224 (2.3)	70 (3.3)	224 (1.0)
Wyoming	4 (1.1)	223 (4.8)!	19 (2.5)	223 (2.6)	76 (2.7)	224 (1.4)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	17 (0.7)	177 (3.4)	30 (1.2)	183 (1.9)	53 (1.2)	182 (1.6)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 47

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Reading Portfolios to Assess Students***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use reading portfolios to assess students?	At Least Once a Week		At Least Once a Month		Less Than Monthly	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	15 (1.6)	209 (2.4)	26 (2.6)	212 (2.8)	58 (2.8)	215 (1.6)
Northeast	20 (3.0)	209 (4.0)	26 (3.5)	207 (6.5)	55 (3.1)	216 (4.2)
Southeast	17 (3.2)	207 (4.7)	20 (3.8)	212 (5.4)!	63 (2.3)	207 (2.7)
Central	11 (3.4)	216 (7.5)!	23 (7.4)	215 (6.5)!	66 (7.4)	221 (3.0)
West	14 (3.2)	207 (4.1)!	35 (4.5)	213 (4.4)	51 (6.1)	215 (2.4)
States						
Alabama	20 (2.7)	205 (2.9)	26 (3.1)	208 (2.5)	54 (3.2)	210 (1.9)
Arizona	19 (2.8)	206 (3.6)	29 (3.1)	208 (3.6)	52 (3.7)	206 (2.4)
Arkansas	12 (2.7)	198 (5.0)!	25 (3.3)	208 (3.3)	64 (3.3)	211 (2.2)
California	20 (2.6)	195 (3.7)	39 (3.5)	195 (2.8)	41 (3.5)	202 (3.2)
Colorado	17 (2.3)	213 (2.8)	35 (3.0)	214 (1.9)	48 (3.0)	214 (2.0)
Connecticut	26 (2.6)	223 (2.9)	29 (3.0)	217 (3.0)	45 (3.4)	224 (2.9)
Delaware	16 (1.2)	208 (2.8)	27 (1.2)	209 (1.4)	57 (1.6)	205 (1.6)
Florida	30 (2.5)	202 (3.7)	31 (2.6)	207 (2.7)	39 (2.9)	205 (2.2)
Georgia	23 (2.7)	211 (3.5)	32 (3.3)	208 (6.1)	46 (3.6)	206 (2.1)
Hawaii	18 (1.9)	194 (3.3)	29 (2.4)	205 (2.8)	53 (2.6)	201 (2.4)
Indiana	7 (1.4)	221 (5.0)	13 (2.3)	218 (3.3)	80 (2.6)	221 (1.7)
Iowa	25 (3.2)	225 (3.1)	36 (3.5)	223 (2.5)	39 (3.8)	222 (1.8)
Kentucky	36 (4.0)	208 (2.4)	22 (2.8)	215 (2.8)	41 (3.2)	212 (2.0)
Louisiana	15 (2.9)	185 (5.5)	28 (2.8)	200 (2.8)	56 (3.4)	199 (2.0)
Maine	20 (3.1)	231 (2.6)	25 (2.9)	229 (2.5)	55 (3.7)	227 (1.6)
Maryland	25 (2.5)	203 (4.3)	35 (4.0)	214 (2.9)	40 (4.2)	209 (2.7)
Massachusetts	15 (1.9)	220 (3.8)	27 (2.5)	223 (3.2)	58 (3.0)	225 (1.3)
Minnesota	15 (2.4)	220 (2.4)	27 (3.3)	220 (2.5)	57 (4.0)	218 (1.7)
Mississippi	13 (2.8)	196 (5.4)!	22 (3.0)	195 (4.3)	65 (3.8)	206 (2.1)
Missouri	20 (2.7)	219 (4.4)	24 (3.1)	214 (3.0)	56 (3.7)	218 (1.6)
Montana†	19 (3.0)	222 (3.0)	27 (3.0)	223 (2.2)	53 (4.0)	222 (1.7)
Nebraska†	21 (3.4)	218 (3.7)	25 (4.0)	219 (3.1)	54 (4.4)	221 (1.9)
New Hampshire†	15 (2.3)	221 (2.9)	21 (2.7)	218 (3.1)	64 (3.5)	225 (1.9)
New Jersey	18 (2.7)	217 (4.4)	33 (3.4)	217 (3.2)	49 (3.8)	224 (2.1)
New Mexico	25 (3.1)	200 (4.1)	24 (2.6)	205 (3.7)	51 (3.7)	207 (1.8)
New York	19 (2.4)	207 (3.5)	27 (2.4)	212 (3.4)	55 (3.1)	214 (2.0)
North Carolina	24 (3.1)	213 (3.8)	32 (3.2)	211 (2.7)	45 (3.8)	217 (2.1)
North Dakota	14 (2.8)	221 (2.7)!	19 (3.3)	225 (3.8)	67 (4.1)	226 (1.3)
Pennsylvania†	19 (3.3)	216 (5.4)	34 (3.6)	212 (2.9)	46 (4.8)	218 (2.1)
Rhode Island†	17 (2.5)	218 (2.8)	23 (2.8)	218 (2.8)	60 (3.3)	221 (1.8)
South Carolina	17 (2.4)	201 (3.6)	25 (2.9)	203 (3.1)	58 (3.2)	204 (1.8)
Tennessee†	12 (2.8)	206 (4.9)!	23 (3.6)	212 (4.4)	65 (4.1)	214 (2.2)
Texas	20 (2.9)	209 (5.1)	23 (2.4)	211 (2.8)	58 (3.2)	215 (2.2)
Utah	14 (2.3)	218 (2.8)	25 (2.8)	218 (2.5)	60 (2.9)	217 (1.7)
Virginia	25 (2.1)	210 (2.6)	35 (3.0)	217 (2.6)	41 (3.2)	213 (2.3)
Washington	13 (2.1)	211 (4.4)	25 (2.7)	215 (2.5)	62 (2.7)	214 (1.9)
West Virginia	17 (2.9)	211 (3.2)	24 (3.1)	216 (2.4)	59 (3.8)	213 (1.2)
Wisconsin†	12 (2.5)	218 (3.9)!	31 (3.4)	224 (2.2)	57 (4.1)	225 (1.4)
Wyoming	12 (2.1)	218 (2.3)	22 (2.4)	220 (1.7)	66 (3.1)	222 (1.6)
Other Jurisdictions						
DoDEA Overseas	14 (1.7)	220 (2.5)	24 (2.3)	216 (1.8)	62 (2.8)	217 (1.0)
Guam	28 (0.9)	176 (1.9)	37 (1.0)	186 (2.0)	35 (1.0)	176 (2.4)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 48

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Frequency They Use Newspapers or Magazines to Teach Reading**

How often do you use newspapers or magazines to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	1 (0.4)	*** (***)	31 (3.1)	218 (2.3)	32 (2.4)	213 (2.0)	36 (2.6)	218 (2.1)
Northeast	1 (0.8)	*** (***)	22 (6.3)	216 (5.8)!	32 (6.6)	212 (4.2)!	45 (6.0)	225 (4.9)
Southeast	1 (0.4)	*** (***)	35 (5.5)	219 (4.9)	40 (4.7)	210 (4.1)	24 (3.7)	207 (3.6)
Central	1 (1.0)	*** (***)	35 (7.1)	221 (2.4)	24 (4.6)	215 (3.5)!	40 (5.1)	221 (3.8)
West	1 (0.4)	*** (***)	29 (5.3)	214 (6.0)!	34 (3.5)	215 (3.6)	37 (5.8)	211 (3.5)
States								
Alabama	1 (0.6)	*** (***)	33 (3.4)	211 (2.5)	40 (4.2)	205 (2.7)	26 (3.0)	208 (2.8)
Arizona	1 (0.7)	*** (***)	25 (2.7)	209 (2.4)	37 (3.2)	211 (2.1)	37 (3.3)	210 (2.5)
Arkansas	2 (0.7)	*** (***)	23 (2.4)	214 (2.2)	28 (3.0)	209 (3.2)	47 (3.5)	211 (2.2)
California	2 (0.8)	*** (***)	32 (4.0)	204 (3.9)	31 (2.5)	198 (3.0)	36 (3.9)	205 (3.7)
Colorado	2 (0.8)	*** (***)	25 (3.1)	216 (2.6)	42 (2.7)	216 (1.9)	32 (3.4)	220 (1.8)
Connecticut	1 (0.4)	*** (***)	31 (3.2)	222 (2.7)	34 (2.9)	221 (2.0)	34 (3.0)	226 (2.3)
Delaware†	1 (0.2)	*** (***)	19 (0.9)	218 (1.6)	32 (1.0)	213 (1.2)	47 (1.2)	212 (0.9)
Florida	3 (1.1)	*** (***)	28 (3.2)	209 (2.1)	43 (2.7)	207 (1.8)	26 (2.4)	210 (2.8)
Georgia	5 (1.5)	213 (7.2)!	25 (2.7)	215 (2.6)	41 (2.8)	210 (2.3)	28 (2.4)	212 (2.4)
Hawaii	3 (0.9)	199 (6.7)!	29 (3.2)	206 (3.0)	39 (3.2)	203 (2.4)	29 (2.8)	199 (3.2)
Indiana	1 (0.7)	*** (***)	28 (3.1)	223 (2.4)	33 (3.0)	220 (1.9)	38 (3.5)	222 (2.1)
Iowa	*** (***)	*** (***)	31 (4.1)	229 (1.8)	23 (2.5)	223 (2.3)	47 (3.4)	224 (1.4)
Kentucky	4 (1.2)	213 (4.1)!	26 (3.2)	213 (1.9)	36 (3.0)	211 (2.3)	34 (3.7)	213 (2.3)
Louisiana	1 (0.9)	*** (***)	22 (2.6)	203 (2.7)	36 (3.7)	202 (2.0)	41 (3.8)	208 (1.8)
Maine†	2 (1.1)	*** (***)	32 (4.1)	226 (1.9)	27 (3.7)	229 (2.7)	39 (3.7)	226 (1.6)
Maryland	2 (1.0)	*** (***)	36 (3.4)	210 (2.6)	41 (3.2)	211 (2.5)	22 (2.7)	211 (4.3)
Massachusetts	2 (0.8)	*** (***)	33 (3.8)	226 (2.1)	26 (3.0)	227 (2.4)	39 (3.7)	227 (1.7)
Minnesota	3 (1.4)	*** (***)	23 (3.0)	223 (1.9)	27 (2.7)	219 (2.4)	47 (3.5)	219 (2.3)
Mississippi	3 (1.3)	*** (***)	32 (4.0)	201 (2.8)	40 (3.9)	199 (2.3)	25 (3.0)	202 (2.3)
Missouri	2 (1.0)	*** (***)	31 (3.7)	220 (2.4)	31 (2.9)	217 (2.4)	36 (4.2)	225 (2.1)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	0 (0.3)	*** (***)	33 (4.3)	223 (1.9)	32 (3.3)	221 (2.1)	34 (4.7)	221 (2.1)
New Hampshire†	2 (1.0)	*** (***)	28 (3.3)	229 (1.7)	36 (3.2)	227 (2.0)	35 (3.3)	229 (2.1)
New Jersey†	2 (0.9)	*** (***)	30 (4.3)	226 (2.6)	29 (3.5)	224 (3.2)	39 (3.8)	223 (2.9)
New Mexico	2 (1.1)	*** (***)	37 (4.4)	212 (2.5)	32 (4.5)	212 (3.3)	28 (3.6)	208 (2.6)
New York†	3 (1.0)	*** (***)	37 (3.7)	213 (2.5)	33 (2.8)	216 (2.9)	27 (3.5)	215 (2.2)
North Carolina	3 (1.2)	226 (6.4)!	28 (2.7)	212 (2.4)	39 (2.7)	209 (2.3)	31 (2.9)	212 (1.6)
North Dakota	1 (0.6)	*** (***)	32 (4.1)	224 (2.4)	24 (3.6)	223 (2.7)	43 (4.7)	228 (1.7)
Pennsylvania	1 (0.6)	*** (***)	23 (3.3)	219 (2.3)	32 (3.4)	221 (2.5)	44 (3.4)	222 (1.8)
Rhode Island	2 (0.8)	*** (***)	25 (3.5)	220 (3.7)	30 (3.1)	217 (3.4)	43 (3.5)	216 (2.3)
South Carolina	7 (2.0)	207 (5.1)!	29 (3.2)	209 (2.6)	35 (3.4)	211 (2.3)	29 (3.2)	209 (2.6)
Tennessee	2 (0.9)	*** (***)	32 (3.3)	209 (2.2)	29 (2.9)	212 (2.9)	37 (2.9)	214 (2.3)
Texas	2 (0.6)	*** (***)	24 (3.4)	210 (3.7)	33 (3.4)	217 (2.7)	42 (3.2)	214 (2.3)
Utah	1 (0.5)	*** (***)	29 (3.4)	222 (2.5)	27 (2.5)	222 (1.9)	43 (3.1)	219 (1.2)
Virginia	1 (0.7)	*** (***)	30 (3.5)	221 (2.9)	33 (2.5)	222 (2.1)	35 (3.3)	222 (2.3)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	2 (1.0)	*** (***)	27 (3.2)	216 (2.4)	34 (3.3)	215 (2.8)	37 (2.9)	214 (2.1)
Wisconsin	2 (0.8)	*** (***)	34 (3.7)	223 (1.6)	27 (3.3)	221 (2.2)	37 (4.2)	226 (1.5)
Wyoming	4 (1.4)	*** (***)	33 (2.9)	223 (2.1)	32 (3.3)	223 (1.9)	32 (3.1)	224 (1.9)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	3 (0.3)	*** (***)	33 (0.8)	186 (1.8)	37 (0.9)	177 (2.4)	27 (0.9)	181 (2.6)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 48

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Newspapers or Magazines to Teach Reading***

How often do you use newspapers or magazines to teach reading?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	2 (0.5)	211 (5.1)!	28 (2.9)	214 (2.5)	36 (2.2)	212 (1.7)	35 (2.8)	214 (2.2)
Northeast	1 (0.5)	*** (***)	29 (6.1)	212 (4.3)!	34 (5.1)	213 (4.0)	35 (4.6)	211 (4.5)
Southeast	2 (1.4)	*** (***)	29 (6.0)	208 (5.2)!	37 (3.9)	209 (3.6)	33 (5.0)	207 (4.4)
Central	1 (0.7)	*** (***)	31 (6.2)	220 (4.0)!	30 (3.7)	215 (4.0)	38 (7.5)	222 (3.5)!
West	2 (1.2)	*** (***)	23 (4.8)	213 (5.2)!	41 (4.6)	212 (2.5)	33 (4.6)	214 (3.8)
States								
Alabama	0 (0.3)	*** (***)	38 (3.1)	210 (2.4)	31 (2.9)	208 (2.2)	31 (2.9)	206 (2.8)
Arizona	2 (0.9)	*** (***)	22 (2.9)	205 (3.8)	39 (3.4)	206 (2.6)	37 (3.6)	207 (3.1)
Arkansas	1 (0.5)	*** (***)	26 (3.9)	216 (2.3)	29 (2.6)	207 (3.0)	45 (3.3)	206 (2.4)
California	3 (1.4)	*** (***)	19 (3.2)	201 (4.6)	36 (3.6)	197 (3.2)	41 (3.9)	198 (3.8)
Colorado	2 (0.9)	*** (***)	27 (2.9)	212 (2.4)	43 (2.9)	216 (1.8)	28 (2.7)	214 (2.5)
Connecticut	4 (1.3)	*** (***)	31 (3.3)	224 (3.2)	38 (3.4)	221 (2.6)	27 (2.9)	224 (3.1)
Delaware	0 (0.1)	*** (***)	22 (0.9)	213 (1.9)	33 (1.0)	209 (1.9)	45 (1.0)	202 (1.9)
Florida	2 (0.8)	*** (***)	32 (3.0)	210 (2.7)	34 (3.0)	202 (3.1)	33 (2.9)	201 (2.6)
Georgia	2 (0.6)	*** (***)	27 (3.0)	207 (5.1)	39 (3.2)	210 (3.2)	33 (3.2)	206 (2.8)
Hawaii	2 (0.7)	199 (12.9)!	27 (2.7)	202 (3.1)	43 (2.8)	202 (2.2)	28 (2.2)	198 (2.9)
Indiana	1 (0.8)	*** (***)	26 (3.0)	224 (2.1)	27 (2.7)	223 (2.5)	46 (3.0)	215 (2.3)
Iowa	2 (1.4)	*** (***)	21 (3.3)	228 (2.8)	34 (3.8)	223 (2.6)	43 (3.6)	222 (1.6)
Kentucky	3 (1.1)	*** (***)	39 (3.5)	210 (2.2)	34 (2.9)	212 (2.7)	24 (2.8)	213 (2.7)
Louisiana	2 (1.8)	*** (***)	21 (3.2)	197 (4.9)	42 (3.5)	195 (2.2)	35 (3.6)	199 (2.5)
Maine	2 (1.1)	*** (***)	24 (2.9)	229 (2.0)	38 (3.4)	230 (1.7)	36 (3.6)	227 (2.1)
Maryland	2 (0.8)	*** (***)	28 (3.4)	207 (3.0)	44 (3.5)	213 (2.6)	26 (2.7)	207 (3.6)
Massachusetts	0 (0.2)	*** (***)	25 (3.3)	225 (2.6)	39 (3.5)	225 (2.1)	36 (4.1)	221 (2.7)
Minnesota	2 (1.0)	*** (***)	25 (3.0)	217 (2.6)	32 (2.8)	220 (1.8)	42 (3.7)	220 (2.0)
Mississippi	1 (0.6)	*** (***)	30 (3.3)	200 (3.3)	39 (3.3)	202 (2.9)	31 (3.9)	205 (3.2)
Missouri	4 (1.6)	*** (***)	29 (3.5)	217 (2.4)	33 (3.5)	216 (2.6)	35 (3.7)	217 (2.3)
Montana†	3 (1.2)	*** (***)	42 (3.5)	225 (1.7)	39 (3.5)	222 (2.2)	16 (2.4)	219 (3.2)
Nebraska†	3 (1.4)	*** (***)	32 (3.6)	222 (2.5)	36 (3.7)	221 (2.5)	29 (3.3)	216 (2.8)
New Hampshire†	1 (0.5)	*** (***)	29 (3.6)	224 (2.6)	34 (3.4)	222 (2.3)	36 (4.1)	225 (2.1)
New Jersey	1 (0.4)	*** (***)	27 (3.5)	219 (2.4)	38 (3.7)	220 (2.5)	34 (3.6)	223 (2.8)
New Mexico	4 (1.3)	192 (10.3)!	33 (3.0)	208 (2.7)	35 (2.8)	205 (2.9)	27 (2.9)	202 (3.2)
New York	2 (0.7)	*** (***)	35 (2.7)	212 (2.9)	36 (2.6)	213 (2.4)	28 (2.6)	210 (3.2)
North Carolina	3 (1.0)	204 (7.0)!	27 (2.9)	213 (2.8)	38 (2.9)	213 (2.4)	33 (2.8)	217 (2.3)
North Dakota	2 (1.0)	*** (***)	31 (3.4)	227 (1.6)	30 (3.2)	225 (2.3)	37 (4.1)	223 (2.1)
Pennsylvania†	1 (0.8)	*** (***)	30 (3.8)	218 (2.6)	35 (3.3)	217 (3.4)	34 (3.9)	213 (2.8)
Rhode Island†	*** (***)	*** (***)	22 (2.8)	223 (2.9)	36 (3.2)	218 (2.0)	42 (2.7)	220 (1.8)
South Carolina	3 (1.2)	204 (11.2)!	28 (3.1)	202 (2.7)	40 (3.2)	204 (2.1)	29 (3.0)	205 (2.6)
Tennessee†	0 (0.3)	*** (***)	24 (3.3)	209 (3.1)	34 (3.3)	216 (3.4)	42 (4.0)	214 (2.6)
Texas	2 (0.7)	*** (***)	23 (2.8)	213 (3.5)	39 (3.7)	212 (2.6)	35 (3.7)	215 (2.0)
Utah	1 (0.4)	*** (***)	24 (3.5)	218 (2.1)	26 (2.6)	220 (2.6)	49 (3.8)	216 (1.9)
Virginia	2 (0.8)	*** (***)	25 (2.9)	210 (3.0)	35 (2.8)	217 (2.6)	38 (2.8)	213 (2.3)
Washington	2 (0.8)	*** (***)	26 (3.1)	215 (2.2)	27 (2.8)	214 (1.9)	45 (3.3)	211 (2.2)
West Virginia	1 (0.4)	*** (***)	34 (3.4)	215 (2.1)	36 (3.9)	215 (1.7)	30 (3.4)	210 (2.3)
Wisconsin†	1 (0.8)	*** (***)	36 (3.9)	224 (2.0)	32 (3.4)	222 (1.8)	31 (3.7)	227 (2.1)
Wyoming	1 (0.7)	*** (***)	36 (3.1)	220 (1.9)	29 (2.9)	223 (1.9)	34 (3.0)	221 (2.2)
Other Jurisdictions								
DoDEA Overseas	6 (1.4)	220 (2.8)!	23 (2.4)	221 (1.5)	33 (2.3)	215 (1.6)	38 (2.7)	217 (1.5)
Guam	4 (0.3)	*** (***)	22 (1.1)	180 (2.8)	38 (0.8)	184 (2.3)	36 (1.0)	176 (1.9)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 49 — 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Reading Kits to Teach Reading**

How often do you use reading kits to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	7 (1.3)	207 (3.9)	15 (2.2)	212 (3.1)	20 (2.4)	218 (2.2)	58 (3.2)	218 (2.2)
Northeast	7 (3.5)	*** (***)	16 (4.6)	214 (5.5)!	12 (5.0)	223 (5.6)!	64 (7.9)	219 (5.6)
Southeast	15 (3.5)	207 (6.5)!	14 (3.5)	205 (5.8)!	17 (4.0)	208 (2.7)!	54 (5.0)	217 (4.5)
Central	3 (1.0)	*** (***)	15 (5.2)	215 (7.0)!	29 (5.7)	221 (4.1)	53 (7.4)	221 (3.3)
West	5 (1.7)	187 (5.5)!	15 (3.6)	212 (7.5)!	17 (3.9)	218 (5.1)!	63 (5.4)	215 (4.0)
States								
Alabama	19 (3.3)	201 (4.9)	22 (2.9)	209 (3.6)	19 (2.9)	206 (3.5)	41 (3.4)	210 (2.5)
Arizona	4 (1.1)	199 (6.0)!	13 (1.9)	208 (3.5)	17 (1.9)	208 (2.4)	67 (2.9)	211 (1.6)
Arkansas	11 (2.0)	207 (3.5)	17 (2.9)	207 (3.5)	23 (2.8)	213 (2.3)	49 (3.1)	212 (1.5)
California	8 (2.0)	199 (6.5)!	15 (2.8)	196 (4.3)	13 (2.5)	199 (6.3)	64 (3.8)	206 (2.7)
Colorado	3 (1.1)	208 (5.2)!	14 (2.5)	217 (2.6)	17 (2.4)	215 (3.3)	67 (3.2)	218 (1.4)
Connecticut	6 (1.6)	218 (8.7)!	10 (1.8)	225 (3.0)	17 (2.4)	222 (2.7)	67 (3.3)	225 (1.7)
Delaware†	6 (0.2)	206 (4.2)	13 (1.0)	213 (2.8)	22 (1.0)	218 (1.2)	60 (1.4)	213 (1.1)
Florida	10 (2.1)	199 (4.1)!	24 (2.1)	206 (2.9)	26 (2.6)	208 (2.8)	39 (3.2)	213 (1.7)
Georgia	10 (2.0)	210 (3.9)!	17 (2.7)	212 (3.6)	26 (2.8)	207 (3.6)	47 (3.3)	215 (2.0)
Hawaii	10 (1.9)	203 (6.6)	17 (2.4)	201 (3.3)	16 (1.9)	204 (3.0)	57 (3.3)	203 (2.1)
Indiana	8 (1.7)	217 (3.5)!	17 (3.2)	220 (2.4)	25 (2.9)	224 (2.9)	50 (3.9)	220 (1.9)
Iowa	2 (0.9)	*** (***)	7 (1.9)	226 (3.5)!	21 (3.0)	224 (2.9)	70 (3.4)	226 (1.2)
Kentucky	5 (1.7)	215 (3.8)!	13 (2.2)	215 (3.9)	16 (2.3)	210 (3.3)	67 (3.5)	212 (1.5)
Louisiana	19 (3.0)	199 (2.9)	15 (1.7)	201 (2.8)	17 (2.5)	206 (2.9)	48 (3.7)	207 (1.7)
Maine†	3 (0.8)	*** (***)	10 (2.6)	223 (3.9)!	19 (2.8)	228 (2.8)	69 (3.3)	228 (1.5)
Maryland	6 (1.5)	205 (6.3)!	14 (1.9)	208 (4.5)	19 (2.7)	205 (4.5)	61 (3.1)	214 (1.7)
Massachusetts	6 (1.6)	225 (4.2)!	25 (3.5)	226 (2.3)	17 (2.5)	230 (2.9)	52 (3.9)	226 (1.6)
Minnesota	3 (1.2)	*** (***)	8 (1.7)	220 (3.6)!	26 (3.1)	222 (2.4)	63 (3.4)	220 (1.9)
Mississippi	15 (2.7)	199 (4.3)	23 (2.9)	195 (3.3)	22 (3.1)	198 (3.1)	39 (3.3)	202 (2.1)
Missouri	8 (2.1)	217 (7.1)!	9 (2.0)	217 (3.9)!	15 (2.1)	219 (3.5)	69 (3.0)	222 (1.7)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	11 (2.7)	218 (3.6)!	8 (1.6)	221 (3.4)	25 (3.5)	222 (2.5)	56 (4.1)	222 (1.6)
New Hampshire†	6 (1.3)	228 (5.0)!	15 (2.7)	227 (2.9)	13 (2.1)	226 (2.8)	67 (3.5)	229 (1.5)
New Jersey†	10 (2.0)	215 (5.2)!	16 (3.3)	226 (3.8)!	18 (3.0)	223 (3.6)	56 (4.0)	226 (2.3)
New Mexico	7 (1.7)	208 (4.5)!	20 (3.1)	215 (3.5)	22 (2.9)	212 (2.9)	51 (3.8)	209 (3.1)
New York†	7 (1.6)	199 (10.1)!	14 (2.7)	205 (7.0)	22 (3.1)	214 (2.9)	56 (3.6)	220 (1.7)
North Carolina	8 (1.7)	205 (4.1)!	17 (2.8)	202 (3.5)	20 (2.4)	210 (2.2)	55 (3.2)	215 (1.5)
North Dakota	4 (1.3)	*** (***)	16 (3.3)	224 (2.1)!	12 (2.2)	220 (2.5)	68 (4.0)	227 (1.4)
Pennsylvania	4 (1.1)	212 (8.6)!	15 (2.8)	218 (3.6)	26 (3.0)	222 (2.4)	56 (3.9)	221 (2.0)
Rhode Island	6 (1.4)	217 (9.4)!	19 (2.5)	216 (4.1)	25 (2.7)	223 (2.7)	51 (3.4)	215 (2.4)
South Carolina	11 (1.9)	200 (3.7)	16 (2.0)	203 (2.9)	19 (2.1)	209 (2.8)	54 (3.2)	214 (1.6)
Tennessee	16 (2.0)	208 (2.9)	22 (2.4)	212 (3.5)	25 (2.7)	210 (2.6)	37 (2.9)	214 (2.1)
Texas	6 (1.7)	208 (5.2)!	19 (2.4)	212 (3.9)	23 (2.5)	214 (4.1)	53 (3.5)	216 (1.8)
Utah	13 (2.2)	214 (3.5)	15 (2.4)	215 (2.7)	20 (2.6)	222 (2.3)	52 (3.5)	222 (1.2)
Virginia	10 (1.6)	214 (3.8)	15 (2.0)	215 (4.1)	22 (2.2)	220 (2.8)	54 (3.1)	226 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	10 (2.5)	211 (5.5)!	18 (3.3)	217 (2.8)	22 (2.5)	219 (3.2)	50 (3.3)	213 (1.6)
Wisconsin	5 (1.4)	209 (6.2)!	13 (2.3)	221 (3.8)	22 (3.4)	226 (2.4)	60 (3.9)	225 (1.2)
Wyoming	4 (1.3)	222 (6.2)!	16 (2.3)	223 (3.3)	21 (3.2)	225 (1.8)	59 (3.2)	223 (1.6)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	25 (0.8)	183 (1.8)	33 (0.6)	181 (2.4)	19 (0.7)	*** (***)	23 (0.8)	178 (3.3)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 49

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students

REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency

TEACHERS' REPORTS ON: Frequency They Use Reading Kits to Teach Reading*

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use reading kits to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	8 (1.2)	199 (4.2)	13 (2.2)	209 (3.4)	21 (2.0)	214 (1.9)	58 (3.0)	216 (1.5)
Northeast	7 (2.7)	196 (12.9)!	12 (1.9)	208 (6.9)	22 (3.3)	213 (5.3)	60 (4.3)	215 (2.6)
Southeast	11 (3.2)	198 (6.4)!	17 (4.5)	205 (7.9)!	27 (4.0)	209 (3.2)	45 (4.8)	211 (2.2)
Central	9 (2.5)	200 (11.3)!	14 (5.5)	219 (4.9)!	20 (4.1)	225 (2.8)!	57 (6.0)	220 (3.2)
West	5 (1.6)	204 (6.7)!	11 (4.7)	206 (6.5)!	14 (4.4)	211 (3.6)!	69 (7.5)	217 (2.7)
States								
Alabama	19 (2.6)	202 (3.9)	27 (3.6)	207 (2.9)	21 (2.4)	207 (2.9)	33 (3.9)	213 (2.5)
Arizona	8 (1.7)	204 (5.2)!	13 (2.0)	206 (3.8)	15 (1.8)	203 (4.1)	64 (3.2)	208 (2.4)
Arkansas	12 (2.4)	195 (5.0)!	18 (2.8)	208 (4.2)	24 (3.3)	211 (2.8)	46 (3.8)	212 (2.4)
California	7 (1.9)	195 (4.3)!	11 (2.1)	184 (6.9)	12 (2.3)	203 (5.6)	71 (3.3)	199 (2.3)
Colorado	5 (1.5)	207 (4.0)!	11 (2.0)	209 (2.3)	20 (2.8)	215 (2.7)	64 (3.3)	215 (1.9)
Connecticut	8 (1.6)	207 (8.1)!	10 (2.3)	230 (4.0)!	18 (2.8)	218 (4.8)	63 (3.7)	225 (1.8)
Delaware	12 (0.8)	201 (4.5)	6 (0.5)	212 (5.6)	17 (0.9)	200 (3.6)	65 (1.0)	209 (1.2)
Florida	11 (1.7)	199 (5.8)	20 (2.3)	205 (3.1)	22 (2.0)	199 (2.8)	47 (3.2)	208 (2.1)
Georgia	10 (2.2)	198 (5.0)!	21 (3.1)	202 (8.1)	19 (2.0)	208 (2.8)	50 (3.6)	212 (2.4)
Hawaii	7 (1.2)	200 (5.2)	17 (1.8)	202 (3.5)	19 (2.5)	204 (3.3)	57 (2.9)	199 (2.2)
Indiana	7 (2.0)	208 (4.1)!	9 (1.8)	215 (4.3)	14 (2.3)	220 (3.1)	70 (3.7)	222 (1.7)
Iowa	5 (1.6)	212 (5.9)!	4 (1.4)	207 (4.9)!	19 (3.2)	224 (2.4)	72 (3.6)	225 (1.5)
Kentucky	3 (1.2)	206 (8.8)!	13 (2.3)	211 (4.3)	21 (2.8)	213 (3.3)	63 (3.8)	211 (2.1)
Louisiana	12 (2.5)	188 (4.5)	22 (3.0)	191 (4.7)	16 (2.4)	202 (4.6)	50 (3.2)	200 (2.2)
Maine	3 (1.4)	232 (6.2)!	8 (2.0)	228 (2.8)!	11 (2.4)	228 (3.0)!	78 (3.4)	229 (1.4)
Maryland	3 (1.2)	182 (9.8)!	8 (1.7)	194 (6.9)!	23 (3.1)	206 (3.3)	66 (3.4)	215 (1.8)
Massachusetts	6 (1.7)	224 (5.6)!	16 (2.8)	220 (3.0)	20 (2.7)	222 (3.4)	58 (4.3)	225 (1.7)
Minnesota	4 (1.5)	219 (4.9)!	10 (2.2)	215 (4.1)!	17 (2.2)	220 (3.1)	70 (3.0)	219 (1.7)
Mississippi	20 (3.0)	201 (4.5)	24 (3.1)	198 (3.7)	19 (2.5)	205 (3.0)	36 (3.4)	204 (2.5)
Missouri	8 (1.7)	208 (5.2)!	16 (2.3)	215 (4.4)	17 (2.7)	212 (3.6)	59 (3.4)	220 (1.7)
Montana†	4 (1.6)	214 (5.5)!	11 (2.0)	222 (3.4)!	21 (2.7)	220 (3.3)	64 (3.5)	224 (1.8)
Nebraska†	7 (2.1)	221 (2.8)!	10 (1.9)	215 (3.5)	21 (3.8)	216 (3.9)!	62 (4.3)	222 (2.0)
New Hampshire†	3 (1.1)	214 (8.2)!	14 (2.8)	223 (3.3)!	17 (2.9)	222 (2.8)	66 (3.4)	224 (1.7)
New Jersey	14 (2.6)	213 (5.4)	12 (1.9)	218 (4.2)	22 (3.2)	217 (4.0)	52 (3.6)	225 (1.7)
New Mexico	9 (2.2)	203 (5.5)!	17 (2.3)	203 (4.1)	24 (2.8)	205 (3.2)	50 (2.9)	206 (2.1)
New York	10 (2.2)	199 (4.9)!	16 (2.6)	216 (3.7)	20 (2.3)	212 (4.2)	54 (2.9)	214 (1.9)
North Carolina	8 (2.1)	210 (4.1)!	17 (2.6)	211 (2.8)	18 (2.4)	205 (2.9)	56 (3.9)	218 (2.2)
North Dakota	5 (1.9)	219 (6.1)!	13 (2.5)	226 (2.8)!	16 (3.0)	225 (2.6)	66 (3.6)	226 (1.4)
Pennsylvania†	13 (2.5)	214 (6.1)	8 (1.7)	206 (5.4)!	18 (2.7)	214 (4.1)	60 (3.9)	218 (1.9)
Rhode Island†	7 (2.0)	224 (4.2)!	15 (2.3)	221 (3.9)	18 (2.7)	220 (3.5)	61 (3.5)	219 (1.7)
South Carolina	12 (2.0)	205 (3.5)	19 (2.0)	196 (2.6)	15 (2.3)	200 (3.5)	54 (3.1)	207 (1.9)
Tennessee†	16 (2.6)	215 (4.5)	24 (3.5)	209 (4.3)	16 (2.6)	213 (3.8)	44 (4.1)	216 (2.4)
Texas	5 (1.3)	202 (8.3)!	23 (2.6)	206 (4.0)	24 (2.9)	214 (3.1)	48 (3.6)	217 (2.2)
Utah	10 (1.7)	213 (4.1)	20 (2.5)	221 (3.7)	20 (2.5)	216 (3.0)	50 (3.4)	217 (1.6)
Virginia	8 (1.4)	198 (4.5)	11 (2.0)	219 (4.0)	25 (2.8)	208 (2.7)	55 (3.4)	217 (1.8)
Washington	5 (1.1)	207 (6.3)!	14 (2.4)	208 (2.6)	14 (2.3)	220 (3.6)	68 (3.4)	213 (1.6)
West Virginia	11 (2.4)	212 (3.3)!	15 (2.9)	211 (4.0)	15 (2.8)	211 (3.8)	59 (4.3)	214 (1.4)
Wisconsin†	3 (1.6)	*** (***)	9 (2.2)	221 (4.6)!	18 (2.7)	219 (2.4)	69 (3.4)	226 (1.3)
Wyoming	8 (1.9)	211 (4.3)!	12 (2.1)	215 (2.9)	16 (2.5)	219 (2.8)	64 (3.4)	224 (1.2)
Other Jurisdictions								
DoDEA Overseas	17 (2.2)	214 (2.1)	19 (2.2)	219 (1.9)	18 (1.7)	214 (2.3)	47 (2.2)	219 (1.2)
Guam	21 (0.9)	179 (3.1)	28 (0.9)	182 (2.4)	17 (0.8)	*** (***)	34 (0.9)	177 (2.5)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992 and 1994 Reading Assessments.

TABLE 50 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Computers to Teach Reading**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use computers to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	4 (1.1)	212 (4.0)!	21 (2.7)	212 (2.8)	23 (2.7)	216 (2.6)	52 (3.8)	218 (1.9)
Northeast	4 (1.9)	*** (***)	20 (5.1)	216 (4.4)!	17 (5.6)	227 (7.5)!	60 (6.5)	219 (4.5)
Southeast	8 (3.4)	*** (***)	32 (6.9)	206 (4.0)!	20 (3.9)	214 (7.4)!	40 (6.7)	215 (4.6)
Central	2 (1.6)	*** (***)	15 (4.5)	217 (3.4)!	30 (6.5)	218 (3.4)!	53 (8.3)	221 (3.1)
West	2 (1.0)	*** (***)	18 (5.5)	213 (7.8)!	24 (5.1)	208 (3.5)!	56 (7.8)	216 (2.9)
States								
Alabama	6 (1.7)	194 (5.6)!	27 (3.1)	207 (3.3)	19 (2.6)	206 (3.1)	47 (3.9)	209 (2.3)
Arizona	3 (1.3)	*** (***)	16 (2.5)	205 (3.5)	30 (2.7)	210 (2.4)	51 (3.2)	212 (2.0)
Arkansas	4 (1.5)	199 (7.8)!	43 (4.8)	209 (2.3)	14 (2.4)	220 (3.7)	39 (4.2)	211 (1.9)
California	5 (1.5)	181 (7.2)!	20 (3.2)	198 (5.4)	23 (2.6)	204 (3.3)	53 (3.9)	207 (2.7)
Colorado	1 (0.5)	*** (***)	14 (2.4)	211 (3.3)	26 (2.6)	216 (1.6)	59 (3.5)	219 (1.7)
Connecticut	6 (1.5)	202 (9.0)!	13 (2.9)	225 (3.0)!	23 (3.1)	226 (2.3)	58 (3.7)	224 (1.9)
Delaware†	6 (0.4)	208 (3.2)	12 (0.6)	213 (2.0)	18 (0.7)	215 (2.2)	64 (0.9)	213 (1.0)
Florida	13 (2.6)	208 (3.3)!	34 (3.6)	206 (2.5)	24 (2.4)	211 (2.7)	29 (3.3)	209 (1.9)
Georgia	16 (2.5)	193 (4.1)	22 (2.7)	217 (2.8)	28 (2.8)	217 (2.4)	35 (3.7)	213 (2.8)
Hawaii	0 (0.3)	*** (***)	11 (2.3)	199 (4.4)!	12 (2.2)	202 (5.3)	76 (3.0)	203 (1.8)
Indiana	4 (1.5)	219 (5.5)!	20 (2.9)	213 (2.8)	29 (3.0)	222 (2.0)	47 (3.4)	224 (1.8)
Iowa	2 (0.7)	*** (***)	9 (2.1)	225 (3.9)!	26 (3.2)	224 (1.9)	63 (3.9)	226 (1.5)
Kentucky	8 (2.2)	209 (4.6)!	21 (2.9)	209 (2.6)	22 (3.7)	214 (2.7)	49 (3.9)	214 (1.7)
Louisiana	4 (1.6)	207 (6.9)!	17 (2.9)	200 (3.8)	13 (2.6)	207 (4.1)!	66 (4.2)	205 (1.4)
Maine†	1 (0.7)	*** (***)	6 (2.3)	225 (5.8)!	21 (3.6)	229 (2.2)	72 (3.9)	227 (1.6)
Maryland	10 (2.5)	198 (6.8)!	17 (2.4)	207 (3.1)	25 (2.6)	216 (3.4)	48 (3.7)	213 (2.1)
Massachusetts	5 (1.2)	222 (4.9)!	16 (2.5)	221 (3.7)	17 (2.3)	226 (3.0)	62 (3.2)	228 (1.2)
Minnesota	*** (***)	*** (***)	8 (2.5)	221 (4.4)!	26 (3.9)	226 (2.0)	65 (3.8)	218 (2.2)
Mississippi	12 (3.1)	198 (4.4)!	32 (3.9)	199 (2.4)	12 (2.5)	200 (4.6)!	45 (4.6)	202 (2.1)
Missouri	3 (1.4)	*** (***)	11 (2.2)	218 (3.7)!	23 (2.7)	222 (3.1)	64 (3.5)	220 (1.9)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	1 (0.8)	*** (***)	15 (2.7)	219 (2.7)	34 (4.1)	220 (2.0)	51 (4.2)	223 (1.7)
New Hampshire†	1 (0.6)	*** (***)	9 (1.7)	223 (3.2)	20 (3.2)	232 (2.5)	70 (3.7)	228 (1.4)
New Jersey†	2 (0.9)	*** (***)	6 (1.4)	214 (5.6)!	24 (3.5)	224 (2.4)	69 (3.4)	225 (2.1)
New Mexico	3 (1.1)	*** (***)	15 (2.8)	216 (2.9)	28 (2.7)	215 (3.7)	54 (3.7)	208 (2.2)
New York†	1 (0.6)	*** (***)	10 (2.4)	218 (4.7)!	20 (3.0)	217 (2.7)	69 (4.1)	214 (2.0)
North Carolina	4 (1.2)	207 (6.9)!	24 (2.7)	203 (2.3)	24 (2.4)	215 (2.6)	48 (3.0)	214 (2.0)
North Dakota	1 (0.2)	*** (***)	10 (2.2)	222 (3.0)!	34 (3.8)	225 (1.8)	56 (4.0)	226 (1.8)
Pennsylvania	2 (0.9)	*** (***)	10 (2.1)	220 (3.4)	20 (2.7)	225 (3.3)	68 (3.5)	219 (1.6)
Rhode Island	3 (1.4)	*** (***)	13 (2.2)	214 (5.2)	21 (2.8)	220 (4.4)	63 (3.4)	217 (1.7)
South Carolina	7 (1.6)	202 (4.6)!	18 (2.8)	209 (3.0)	23 (2.8)	213 (2.1)	52 (3.8)	209 (2.1)
Tennessee	8 (2.2)	206 (4.2)!	21 (2.8)	204 (2.9)	21 (2.8)	218 (3.1)	50 (3.8)	214 (1.8)
Texas	3 (1.0)	205 (5.5)!	32 (3.8)	214 (3.2)	24 (3.0)	216 (3.2)	42 (4.0)	214 (2.5)
Utah	5 (2.1)	*** (***)	19 (3.2)	222 (3.3)	21 (3.2)	223 (2.1)	55 (4.2)	218 (1.5)
Virginia	4 (1.2)	217 (5.4)!	18 (2.6)	216 (2.7)	30 (3.1)	225 (1.8)	48 (3.6)	222 (2.1)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	6 (1.7)	210 (4.5)!	19 (2.9)	217 (3.2)	22 (3.1)	213 (2.8)	53 (4.2)	216 (1.7)
Wisconsin	3 (1.1)	201 (10.4)!	11 (2.1)	220 (3.1)	21 (2.7)	223 (2.0)	65 (3.4)	226 (1.2)
Wyoming	3 (1.4)	221 (5.6)!	18 (2.3)	222 (2.8)	27 (3.1)	221 (2.0)	52 (3.4)	225 (1.3)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	4 (0.7)	*** (***)	57 (1.0)	186 (1.7)	7 (0.6)	*** (***)	32 (0.9)	176 (2.3)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 50 1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep
1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Computers to Teach Reading***

How often do you use computers to teach reading?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	6 (1.6)	198 (4.4)!	18 (1.9)	215 (2.8)	22 (2.4)	219 (2.5)	55 (2.7)	213 (1.5)
Northeast	2 (1.4)	*** (***)	14 (3.2)	212 (4.7)!	18 (4.9)	221 (5.0)!	65 (4.8)	211 (2.3)
Southeast	16 (4.6)	199 (6.2)!	21 (4.8)	210 (6.9)!	13 (3.0)	222 (4.7)!	50 (5.2)	208 (2.8)
Central	1 (0.5)	*** (***)	15 (4.3)	219 (5.1)!	22 (6.2)	220 (4.8)!	63 (7.1)	219 (3.1)
West	5 (3.5)	*** (***)	20 (2.8)	219 (4.4)	31 (4.4)	216 (4.1)	44 (4.8)	213 (3.3)
States								
Alabama	14 (2.9)	202 (4.4)!	32 (2.9)	206 (2.8)	20 (2.6)	216 (2.5)	34 (3.8)	208 (2.2)
Arizona	3 (1.2)	184 (13.5)!	15 (2.2)	202 (3.8)	24 (2.3)	204 (3.3)	58 (2.7)	210 (2.4)
Arkansas	7 (2.2)	206 (6.8)!	41 (4.4)	206 (2.6)	15 (2.5)	217 (4.3)	36 (4.2)	209 (2.6)
California	3 (1.4)	*** (***)	15 (3.0)	199 (4.9)	22 (2.7)	193 (3.9)	59 (4.4)	199 (2.6)
Colorado	3 (1.1)	203 (5.5)!	19 (2.6)	212 (2.4)	24 (2.5)	213 (2.6)	55 (3.1)	216 (1.7)
Connecticut	10 (2.4)	197 (8.2)!	17 (2.7)	219 (3.8)	17 (2.5)	227 (3.3)	56 (3.5)	227 (2.0)
Delaware	6 (0.3)	215 (4.2)	12 (0.6)	201 (3.2)	21 (0.8)	210 (1.6)	61 (1.0)	206 (1.5)
Florida	10 (1.9)	198 (4.9)	28 (2.6)	200 (3.7)	30 (2.7)	211 (3.0)	32 (3.8)	205 (2.9)
Georgia	22 (3.0)	197 (6.0)	25 (2.7)	210 (4.2)	20 (2.3)	215 (2.8)	32 (3.6)	210 (3.5)
Hawaii	1 (0.3)	*** (***)	13 (2.1)	199 (3.7)	24 (3.2)	204 (3.4)	61 (3.3)	200 (2.0)
Indiana	4 (1.4)	221 (8.0)!	24 (3.2)	222 (2.8)	30 (3.0)	221 (2.6)	43 (3.6)	219 (2.3)
Iowa	6 (1.9)	216 (7.6)!	13 (2.7)	216 (3.9)!	27 (3.3)	221 (2.4)	53 (4.2)	227 (1.6)
Kentucky	10 (2.0)	205 (3.9)!	26 (2.8)	212 (3.4)	24 (3.2)	212 (3.0)	41 (3.6)	213 (2.3)
Louisiana	12 (1.9)	199 (4.8)	21 (3.0)	197 (3.8)	15 (2.8)	198 (3.6)	52 (4.2)	196 (2.6)
Maine	1 (0.5)	*** (***)	7 (1.6)	228 (2.8)!	20 (2.8)	225 (2.1)	71 (3.5)	230 (1.7)
Maryland	8 (2.6)	204 (4.8)!	21 (2.8)	201 (3.8)	24 (3.0)	217 (2.9)	47 (4.1)	212 (2.6)
Massachusetts	4 (1.1)	232 (5.1)!	10 (2.0)	217 (4.6)	19 (2.5)	223 (2.0)	67 (3.1)	224 (1.7)
Minnesota	1 (1.0)	*** (***)	9 (2.1)	213 (4.8)!	26 (2.7)	219 (2.3)	64 (3.7)	220 (1.5)
Mississippi	17 (2.5)	200 (3.3)	31 (3.2)	200 (2.8)	7 (1.4)	213 (3.6)	45 (4.0)	202 (2.6)
Missouri	7 (1.8)	206 (5.8)!	18 (2.9)	214 (4.1)	20 (2.7)	217 (3.0)	54 (3.5)	220 (2.0)
Montana†	5 (1.3)	223 (5.8)!	13 (2.4)	219 (3.1)	25 (2.6)	221 (2.5)	57 (3.3)	223 (1.6)
Nebraska†	5 (1.7)	223 (5.2)!	20 (3.4)	213 (3.7)	33 (2.9)	218 (2.8)	43 (3.6)	224 (1.9)
New Hampshire†	4 (1.2)	224 (5.9)!	8 (1.7)	218 (4.1)!	24 (2.9)	225 (2.8)	63 (3.5)	223 (1.7)
New Jersey	2 (1.1)	*** (***)	12 (2.7)	227 (5.2)!	21 (3.2)	222 (3.0)	64 (3.9)	220 (1.5)
New Mexico	10 (2.0)	201 (7.1)!	25 (2.6)	203 (3.0)	24 (2.5)	204 (3.2)	41 (3.1)	207 (2.3)
New York	4 (1.1)	197 (7.1)!	17 (2.5)	209 (3.5)	19 (2.9)	215 (3.0)	60 (4.0)	213 (2.3)
North Carolina	8 (1.9)	208 (4.8)!	30 (3.6)	208 (3.1)	23 (2.5)	216 (2.7)	39 (3.2)	219 (2.3)
North Dakota	4 (1.6)	*** (***)	17 (2.7)	219 (3.4)	33 (3.9)	226 (1.7)	45 (3.9)	227 (1.7)
Pennsylvania†	3 (1.5)	*** (***)	13 (2.9)	216 (5.3)!	25 (2.8)	219 (2.5)	59 (3.9)	214 (2.6)
Rhode Island†	3 (0.9)	223 (5.6)!	10 (2.2)	208 (3.1)!	17 (2.5)	223 (2.7)	69 (3.4)	221 (1.8)
South Carolina	22 (3.1)	198 (3.1)	25 (3.2)	204 (3.2)	19 (2.7)	209 (3.0)	34 (3.8)	204 (2.3)
Tennessee†	11 (2.9)	210 (5.3)!	26 (3.6)	204 (3.9)	20 (3.3)	216 (3.4)	42 (4.5)	218 (2.7)
Texas	14 (2.9)	207 (4.6)!	30 (3.9)	211 (3.9)	20 (2.9)	215 (2.7)	36 (4.3)	216 (2.9)
Utah	4 (1.2)	210 (10.8)!	19 (2.7)	215 (2.6)	27 (2.7)	218 (2.2)	50 (3.9)	219 (1.7)
Virginia	12 (2.0)	199 (4.3)	21 (2.4)	210 (2.8)	26 (2.2)	217 (2.9)	42 (3.0)	217 (1.9)
Washington	4 (1.0)	211 (5.1)!	13 (2.3)	213 (2.9)	19 (2.4)	216 (3.2)	64 (3.3)	213 (1.8)
West Virginia	17 (2.8)	213 (2.3)	31 (3.5)	216 (2.3)	20 (3.2)	210 (2.5)	32 (4.2)	213 (2.2)
Wisconsin†	3 (1.1)	*** (***)	12 (2.4)	218 (3.4)	24 (3.5)	226 (2.3)	61 (4.2)	225 (1.5)
Wyoming	5 (1.6)	213 (5.3)!	17 (2.7)	213 (2.2)	29 (3.2)	223 (1.8)	49 (3.6)	223 (1.7)
Other Jurisdictions								
DoDEA Overseas	12 (2.6)	220 (3.0)!	18 (2.1)	215 (2.2)	30 (2.7)	217 (1.6)	40 (2.7)	218 (1.3)
Guam	3 (0.2)	*** (***)	78 (0.9)	180 (1.6)	9 (0.7)	*** (***)	10 (0.6)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 51 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use a Variety of Books to Teach Reading**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use a variety of books to teach reading?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	43 (3.6)	219 (2.3)	22 (2.4)	213 (2.4)	26 (3.0)	216 (2.3)	9 (1.5)	210 (3.3)
Northeast	46 (9.2)	224 (5.4)!	21 (5.8)	212 (4.9)!	28 (8.0)	219 (4.7)!	5 (2.4)	*** (***)
Southeast	38 (6.2)	216 (6.9)	21 (3.3)	208 (3.0)	31 (5.3)	210 (5.0)	9 (2.6)	213 (5.8)!
Central	49 (8.0)	221 (3.2)	19 (5.8)	219 (4.3)!	24 (4.7)	219 (5.0)	8 (3.3)	*** (***)
West	40 (4.9)	214 (4.3)	27 (3.8)	214 (5.0)	22 (5.9)	217 (3.1)!	12 (3.8)	201 (5.4)!
States								
Alabama	29 (3.5)	204 (3.4)	32 (3.5)	208 (2.9)	29 (3.2)	209 (2.7)	9 (2.3)	210 (5.5)!
Arizona	44 (3.2)	211 (1.8)	26 (2.7)	210 (2.2)	21 (2.0)	209 (2.9)	8 (1.4)	206 (5.3)
Arkansas	23 (2.9)	211 (2.3)	24 (3.0)	212 (3.1)	35 (3.5)	211 (2.9)	18 (2.5)	210 (3.3)
California	55 (3.1)	204 (2.8)	27 (2.7)	199 (3.7)	17 (2.2)	207 (3.7)	2 (1.0)	*** (***)
Colorado	63 (3.7)	219 (1.5)	21 (3.1)	216 (2.2)	12 (2.2)	211 (3.7)	4 (1.3)	216 (5.2)!
Connecticut	47 (3.1)	228 (1.6)	26 (2.9)	222 (2.5)	22 (2.5)	217 (3.3)	5 (1.2)	212 (8.6)!
Delaware†	36 (1.2)	215 (1.5)	24 (1.0)	217 (1.4)	32 (1.1)	210 (1.2)	8 (0.5)	207 (2.4)
Florida	42 (3.0)	209 (2.0)	33 (2.1)	207 (2.3)	22 (2.3)	210 (2.2)	3 (1.0)	202 (6.8)!
Georgia	51 (2.9)	213 (2.2)	27 (2.9)	214 (2.4)	17 (2.3)	207 (4.6)	4 (1.1)	200 (8.0)!
Hawaii	36 (3.3)	200 (2.9)	32 (2.8)	205 (3.0)	26 (2.5)	203 (2.6)	7 (1.4)	204 (6.4)!
Indiana	26 (2.9)	222 (2.4)	25 (3.2)	221 (2.3)	40 (3.7)	222 (1.8)	9 (2.7)	216 (3.0)!
Iowa	43 (4.0)	225 (1.5)	22 (2.6)	225 (1.9)	25 (3.0)	227 (2.0)	9 (2.2)	226 (3.5)!
Kentucky	28 (3.6)	213 (2.8)	24 (3.1)	211 (2.7)	37 (3.9)	213 (1.6)	11 (2.5)	212 (2.7)!
Louisiana	19 (2.7)	211 (2.8)	34 (3.1)	201 (2.6)	34 (3.2)	202 (2.1)	13 (2.3)	207 (2.4)
Maine†	50 (4.7)	230 (1.6)	27 (3.9)	224 (2.3)	20 (3.2)	224 (2.2)	3 (1.2)	*** (***)
Maryland	47 (3.2)	215 (2.1)	24 (2.6)	210 (3.0)	26 (2.7)	207 (2.7)	3 (0.8)	200 (11.8)!
Massachusetts	45 (4.0)	229 (1.9)	27 (2.8)	225 (2.5)	21 (2.7)	223 (2.0)	7 (1.5)	224 (3.9)!
Minnesota	34 (2.6)	221 (2.1)	25 (3.0)	221 (2.6)	33 (2.8)	222 (2.6)	7 (1.7)	211 (4.7)!
Mississippi	24 (2.6)	202 (3.0)	38 (3.2)	195 (2.5)	30 (3.5)	203 (2.3)	8 (1.9)	201 (4.3)!
Missouri	35 (4.2)	220 (2.6)	25 (2.8)	220 (2.4)	28 (3.2)	220 (2.4)	12 (2.1)	224 (2.4)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	46 (3.7)	223 (1.9)	20 (2.9)	220 (2.2)	27 (3.4)	219 (2.5)	7 (1.5)	222 (6.4)!
New Hampshire†	53 (3.7)	228 (1.5)	26 (2.9)	227 (2.1)	17 (2.6)	232 (3.3)	4 (1.1)	222 (5.0)!
New Jersey†	24 (3.4)	230 (3.1)	31 (3.6)	226 (2.6)	32 (3.7)	222 (2.9)	13 (2.6)	213 (4.5)!
New Mexico	38 (3.5)	214 (2.4)	31 (3.4)	210 (2.6)	27 (3.4)	211 (2.6)	5 (1.7)	198 (9.1)!
New York†	50 (3.4)	218 (1.8)	29 (3.2)	214 (2.5)	16 (2.3)	207 (5.5)	4 (1.1)	213 (5.7)!
North Carolina	43 (3.4)	215 (1.9)	32 (3.1)	209 (2.5)	19 (2.6)	211 (2.4)	6 (2.1)	204 (3.6)!
North Dakota	26 (3.8)	226 (2.2)	17 (3.1)	225 (3.3)	43 (4.0)	227 (1.8)	14 (3.5)	220 (3.2)!
Pennsylvania	25 (3.0)	219 (2.9)	31 (3.6)	222 (2.8)	29 (2.8)	221 (2.1)	14 (2.9)	216 (2.9)!
Rhode Island	33 (3.4)	222 (2.5)	32 (3.1)	219 (2.6)	29 (2.9)	212 (3.1)	5 (1.5)	206 (5.1)!
South Carolina	41 (3.6)	211 (2.2)	31 (3.2)	207 (2.5)	22 (3.1)	211 (3.2)	6 (1.5)	204 (5.3)!
Tennessee	28 (2.8)	211 (2.1)	28 (2.6)	214 (2.5)	33 (2.4)	211 (2.7)	11 (2.0)	211 (2.4)
Texas	43 (3.9)	216 (2.2)	25 (2.6)	215 (3.3)	26 (2.8)	211 (3.3)	6 (1.8)	207 (5.6)!
Utah	44 (3.8)	221 (1.8)	24 (2.9)	221 (2.0)	23 (2.7)	221 (1.6)	9 (2.4)	213 (2.9)!
Virginia	43 (3.9)	227 (2.2)	32 (2.4)	215 (2.2)	20 (2.9)	221 (2.3)	5 (1.6)	222 (5.3)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	21 (3.4)	218 (2.9)	31 (2.5)	214 (2.4)	34 (2.8)	216 (2.6)	14 (2.0)	211 (3.3)
Wisconsin	36 (3.9)	224 (2.2)	25 (3.1)	223 (2.2)	30 (3.3)	223 (2.1)	9 (2.5)	225 (3.4)!
Wyoming	48 (3.5)	223 (1.7)	29 (3.1)	223 (1.8)	18 (2.8)	226 (2.2)	5 (1.6)	217 (5.1)!
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	29 (0.8)	182 (2.6)	34 (0.9)	183 (2.3)	29 (0.9)	179 (2.4)	8 (0.5)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 51

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
TEACHERS' REPORTS ON: Frequency They Use a Variety of Books to Teach Reading*

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

How often do you use a variety of books to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	49 (2.7)	214 (1.5)	26 (2.2)	212 (2.9)	21 (1.9)	214 (2.4)	5 (1.0)	208 (3.5)!
Northeast	53 (3.7)	215 (2.0)	21 (4.4)	211 (3.9)	22 (2.9)	205 (6.8)	4 (1.6)	*** (***)
Southeast	42 (5.4)	207 (4.2)	30 (5.2)	205 (3.8)	22 (3.6)	217 (4.6)	6 (2.0)	206 (7.2)!
Central	37 (6.0)	222 (3.3)	31 (5.2)	218 (6.9)	23 (3.6)	221 (3.4)	9 (3.1)	207 (5.6)!
West	61 (5.8)	214 (2.6)	22 (3.0)	216 (5.8)	16 (4.4)	209 (4.5)!	1 (0.7)	*** (***)
States								
Alabama	37 (3.4)	207 (2.9)	29 (3.4)	209 (2.6)	26 (2.8)	211 (2.6)	9 (2.2)	203 (3.8)!
Arizona	48 (3.0)	209 (2.3)	25 (2.5)	206 (3.0)	22 (2.2)	204 (2.9)	4 (1.1)	198 (8.2)!
Arkansas	31 (3.1)	208 (2.6)	30 (3.6)	209 (2.9)	27 (3.4)	209 (3.2)	12 (2.3)	211 (3.4)
California	61 (3.4)	199 (2.5)	22 (2.6)	190 (5.3)	14 (2.5)	206 (6.5)	3 (0.9)	*** (***)
Colorado	69 (3.4)	216 (1.6)	21 (3.1)	213 (3.1)	9 (1.9)	202 (5.1)!	1 (0.6)	*** (***)
Connecticut	53 (3.9)	226 (2.2)	25 (3.2)	217 (4.0)	18 (2.6)	223 (3.5)	3 (1.2)	201 (9.4)!
Delaware	51 (0.9)	212 (1.5)	24 (0.8)	205 (2.6)	20 (1.0)	198 (2.8)	5 (0.5)	192 (6.2)
Florida	49 (3.4)	206 (2.3)	27 (2.4)	200 (2.9)	21 (2.1)	207 (3.4)	3 (1.0)	212 (6.3)!
Georgia	51 (3.1)	213 (3.3)	24 (2.7)	205 (3.1)	18 (2.0)	201 (4.2)	7 (1.6)	201 (5.1)!
Hawaii	47 (2.8)	202 (2.6)	30 (2.5)	201 (2.7)	19 (2.0)	197 (3.2)	3 (1.0)	207 (6.2)!
Indiana	34 (3.3)	224 (2.1)	27 (2.8)	219 (2.2)	28 (3.0)	220 (2.8)	11 (2.2)	211 (4.7)!
Iowa	56 (4.1)	224 (1.8)	24 (3.2)	220 (2.5)	18 (2.7)	225 (2.5)	2 (1.0)	217 (8.3)!
Kentucky	56 (3.4)	213 (2.2)	27 (3.2)	209 (3.3)	15 (2.0)	213 (4.1)	1 (0.7)	*** (***)
Louisiana	27 (3.3)	198 (4.5)	23 (2.5)	200 (2.9)	38 (3.9)	196 (2.5)	12 (2.3)	194 (4.0)!
Maine	69 (3.4)	231 (1.5)	16 (2.4)	225 (2.9)	14 (2.4)	225 (3.0)	2 (0.5)	*** (***)
Maryland	52 (3.2)	213 (2.2)	26 (2.7)	207 (2.7)	17 (3.0)	209 (3.9)	4 (1.3)	196 (5.8)!
Massachusetts	48 (3.9)	225 (2.3)	23 (2.6)	221 (3.1)	24 (3.0)	225 (2.5)	5 (1.3)	221 (3.5)!
Minnesota	45 (3.7)	219 (1.8)	31 (2.7)	216 (2.5)	21 (2.8)	224 (2.1)	3 (1.2)	*** (***)
Mississippi	29 (3.2)	203 (3.3)	31 (2.9)	199 (2.5)	31 (3.0)	202 (2.8)	9 (2.2)	207 (7.5)!
Missouri	41 (4.0)	220 (2.0)	25 (2.9)	215 (3.3)	22 (2.5)	215 (3.4)	12 (2.6)	213 (3.6)!
Montana†	47 (3.6)	225 (2.0)	26 (3.1)	218 (2.0)	22 (3.1)	224 (2.6)	4 (1.6)	217 (5.3)!
Nebraska†	54 (3.8)	222 (1.9)	27 (3.5)	218 (2.8)	13 (2.3)	214 (3.2)	6 (1.5)	216 (5.4)!
New Hampshire†	54 (4.0)	222 (1.9)	27 (3.0)	228 (2.5)	18 (3.2)	222 (3.0)	1 (0.6)	*** (***)
New Jersey	48 (3.9)	228 (1.7)	20 (3.1)	221 (3.1)	24 (2.9)	212 (2.6)	8 (1.7)	203 (6.6)!
New Mexico	46 (3.3)	205 (2.5)	30 (2.6)	204 (3.2)	21 (2.8)	204 (3.3)	3 (1.1)	211 (6.1)!
New York	57 (3.1)	216 (2.1)	26 (2.5)	205 (2.6)	15 (2.1)	210 (4.3)	1 (0.5)	*** (***)
North Carolina	50 (3.2)	213 (2.1)	33 (3.0)	215 (2.2)	12 (2.0)	214 (4.5)	4 (1.3)	209 (5.1)!
North Dakota	37 (3.4)	225 (2.1)	22 (3.0)	228 (2.2)	30 (3.6)	225 (1.9)	11 (2.6)	220 (4.5)!
Pennsylvania†	45 (3.9)	218 (2.0)	22 (2.9)	209 (2.8)	28 (3.5)	219 (4.3)	5 (1.7)	204 (10.5)!
Rhode Island†	56 (3.7)	221 (1.7)	24 (3.2)	218 (2.4)	16 (3.0)	218 (3.5)	3 (1.4)	*** (***)
South Carolina	54 (3.8)	206 (2.0)	24 (2.8)	205 (2.8)	19 (2.8)	198 (3.0)	3 (0.8)	186 (8.5)!
Tennessee†	30 (3.6)	212 (3.1)	25 (3.1)	215 (3.3)	37 (3.4)	214 (2.7)	8 (2.3)	205 (7.3)!
Texas	44 (3.9)	215 (2.8)	27 (3.1)	212 (2.9)	23 (2.9)	211 (3.0)	6 (1.2)	207 (9.8)!
Utah	53 (3.4)	219 (1.8)	21 (2.4)	217 (2.5)	22 (2.7)	214 (2.7)	3 (1.0)	212 (6.8)!
Virginia	60 (3.5)	215 (2.0)	22 (2.8)	214 (3.8)	14 (2.4)	208 (3.5)	4 (1.3)	202 (4.6)!
Washington	57 (3.9)	217 (1.5)	23 (2.7)	210 (2.0)	17 (2.6)	211 (3.5)	3 (1.1)	194 (7.1)!
West Virginia	36 (4.0)	215 (2.1)	28 (3.4)	212 (1.7)	26 (3.5)	214 (2.0)	10 (2.4)	208 (3.6)!
Wisconsin†	45 (4.3)	225 (1.7)	25 (3.0)	227 (1.9)	27 (3.4)	221 (2.6)	2 (0.6)	*** (***)
Wyoming	53 (3.6)	220 (1.4)	20 (2.8)	224 (2.1)	23 (2.7)	220 (2.5)	4 (1.8)	*** (***)
Other Jurisdictions								
DoDEA Overseas	45 (2.2)	219 (1.2)	27 (2.3)	215 (1.8)	24 (2.1)	216 (2.0)	4 (0.7)	212 (3.5)
Guam	56 (1.0)	177 (1.9)	23 (0.8)	186 (2.4)	18 (0.9)	184 (2.8)	4 (0.5)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow acculate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 52 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Frequency They Use Other Subject Area Materials to Teach Reading**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you use materials from other subject areas to teach reading?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	26 (2.8)	216 (2.8)	30 (3.0)	220 (2.2)	30 (2.5)	213 (2.0)	14 (2.3)	217 (3.2)
Northeast	27 (7.0)	218 (8.8)!	28 (3.8)	222 (7.3)	28 (7.4)	215 (5.8)!	16 (8.5)	221 (8.1)!
Southeast	23 (4.8)	214 (5.9)!	37 (4.6)	215 (3.8)	28 (4.2)	205 (3.2)	12 (2.9)	217 (4.0)!
Central	25 (6.2)	219 (3.7)!	27 (7.5)	224 (2.8)!	34 (4.1)	217 (3.4)	13 (2.6)	220 (6.7)!
West	30 (4.9)	212 (4.8)	25 (5.6)	218 (5.6)!	28 (4.6)	213 (5.5)!	17 (4.2)	210 (4.1)!
States								
Alabama	32 (3.2)	205 (2.8)	27 (3.0)	206 (3.0)	29 (3.3)	209 (2.6)	12 (2.5)	211 (3.7)!
Arizona	31 (2.5)	210 (2.1)	29 (2.8)	210 (2.3)	26 (2.8)	211 (2.6)	14 (2.3)	207 (4.7)
Arkansas	14 (2.2)	208 (3.9)	28 (2.8)	210 (2.4)	31 (2.5)	212 (1.9)	27 (3.3)	212 (3.2)
California	46 (3.0)	207 (2.6)	32 (2.9)	199 (4.1)	15 (2.0)	204 (4.4)	6 (1.7)	191 (7.1)!
Colorado	33 (3.2)	217 (1.7)	39 (2.9)	219 (1.9)	21 (2.6)	215 (2.2)	7 (1.7)	211 (5.2)!
Connecticut	30 (3.1)	226 (2.7)	30 (2.6)	221 (2.8)	30 (2.8)	224 (2.4)	11 (2.4)	222 (4.5)!
Delaware†	15 (1.0)	217 (2.1)	25 (1.1)	217 (1.7)	39 (1.3)	213 (1.1)	21 (1.0)	210 (1.7)
Florida	35 (3.0)	210 (2.1)	34 (2.7)	207 (2.3)	24 (2.7)	210 (1.9)	8 (1.6)	206 (3.9)!
Georgia	36 (2.7)	215 (2.2)	35 (2.8)	211 (2.9)	22 (2.6)	211 (3.0)	8 (1.1)	207 (4.1)
Hawaii	25 (2.8)	198 (3.3)	34 (2.8)	206 (2.4)	29 (2.8)	203 (2.6)	12 (2.0)	200 (4.4)
Indiana	26 (3.0)	221 (2.2)	22 (2.8)	221 (2.2)	37 (3.1)	221 (1.8)	15 (2.4)	222 (3.0)
Iowa	15 (2.5)	229 (2.6)	24 (2.9)	223 (1.9)	35 (3.7)	226 (1.5)	25 (3.5)	225 (1.9)
Kentucky	25 (2.8)	212 (3.0)	23 (2.8)	213 (2.3)	29 (3.3)	212 (2.0)	23 (3.3)	213 (2.2)
Louisiana	18 (2.5)	205 (3.3)	36 (3.3)	201 (2.2)	30 (2.6)	206 (2.2)	16 (2.4)	209 (2.5)
Maine†	25 (3.3)	225 (2.7)	27 (3.6)	228 (2.4)	30 (3.6)	229 (1.9)	18 (3.6)	225 (2.5)
Maryland	20 (2.6)	209 (3.1)	41 (3.3)	211 (2.5)	31 (2.8)	214 (2.4)	8 (1.9)	207 (6.5)!
Massachusetts	27 (3.7)	222 (2.4)	33 (3.1)	231 (1.8)	24 (2.5)	227 (2.5)	17 (2.8)	226 (2.8)
Minnesota	18 (3.4)	222 (2.6)	25 (3.1)	219 (2.9)	32 (3.4)	221 (2.4)	24 (3.2)	218 (2.7)
Mississippi	23 (2.7)	201 (2.7)	25 (3.1)	193 (3.4)	34 (3.8)	203 (2.5)	18 (2.9)	202 (2.5)
Missouri	26 (3.5)	215 (3.9)	26 (3.1)	222 (1.8)	30 (3.1)	223 (1.9)	18 (3.0)	222 (2.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	22 (4.3)	222 (2.8)!	31 (3.9)	218 (2.4)	29 (3.2)	222 (1.6)	17 (2.6)	226 (3.1)
New Hampshire†	31 (3.7)	227 (1.8)	31 (3.0)	228 (1.7)	30 (3.6)	230 (2.4)	9 (1.9)	224 (3.2)!
New Jersey†	26 (3.5)	223 (2.5)	29 (4.1)	228 (3.5)	28 (3.4)	223 (2.9)	17 (3.1)	223 (3.6)
New Mexico	39 (3.1)	209 (2.9)	34 (3.3)	213 (2.4)	20 (2.7)	212 (2.9)	8 (2.3)	204 (9.4)!
New York†	44 (3.8)	216 (2.0)	34 (2.6)	212 (3.5)	16 (2.5)	217 (3.0)	6 (1.8)	216 (5.6)!
North Carolina	30 (2.7)	210 (2.6)	34 (2.7)	212 (2.2)	28 (2.6)	212 (1.9)	8 (1.6)	212 (5.3)!
North Dakota	19 (2.7)	224 (2.5)	26 (3.6)	225 (2.7)	34 (4.4)	226 (2.5)	21 (3.7)	226 (2.3)
Pennsylvania	12 (2.3)	217 (5.2)!	23 (2.8)	219 (3.0)	39 (3.0)	223 (2.1)	25 (3.0)	219 (2.7)
Rhode Island	23 (3.0)	220 (3.0)	28 (3.1)	218 (2.9)	35 (2.7)	217 (3.5)	14 (2.8)	214 (4.2)!
South Carolina	26 (3.5)	211 (3.0)	32 (3.3)	208 (2.3)	29 (3.0)	212 (2.1)	12 (1.9)	207 (3.6)
Tennessee	23 (2.6)	212 (2.5)	31 (3.0)	209 (2.5)	34 (2.5)	217 (2.0)	11 (1.8)	205 (4.7)
Texas	23 (2.3)	207 (2.9)	33 (2.8)	215 (3.1)	32 (3.2)	219 (2.3)	13 (2.3)	213 (3.1)
Utah	28 (3.0)	221 (2.3)	27 (2.3)	224 (2.0)	26 (2.5)	216 (2.0)	18 (2.1)	220 (1.9)
Virginia	30 (3.3)	224 (2.7)	33 (2.6)	217 (2.0)	26 (2.6)	224 (2.6)	12 (2.1)	224 (2.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	23 (2.7)	216 (2.2)	33 (3.2)	217 (2.3)	29 (3.2)	215 (2.8)	16 (2.5)	210 (3.4)
Wisconsin	21 (2.5)	222 (2.7)	33 (3.0)	223 (1.7)	29 (3.3)	226 (1.8)	17 (2.8)	225 (2.9)
Wyoming	31 (3.2)	223 (1.5)	32 (3.3)	223 (2.2)	21 (2.6)	226 (2.5)	17 (2.9)	221 (2.9)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	32 (0.9)	184 (1.9)	29 (0.9)	181 (2.1)	31 (1.1)	180 (2.1)	8 (0.6)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 52

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students

REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency

TEACHERS' REPORTS ON: Frequency They Use Other Subject Area Materials to Teach Reading*

THE NATION'S REPORT CARD
naep
1992
1994
Reading Assessment

How often do you use materials from other subject areas to teach reading?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	37 (2.6)	212 (1.7)	32 (2.6)	215 (1.9)	22 (2.0)	214 (2.1)	9 (1.6)	212 (3.9)
Northeast	39 (4.2)	214 (2.6)	31 (3.9)	211 (3.7)	23 (3.6)	210 (3.2)	7 (3.0)	219 (8.6)!
Southeast	40 (5.9)	208 (3.3)	28 (2.7)	211 (2.4)	23 (3.2)	207 (3.1)	8 (2.5)	203 (8.4)!
Central	32 (5.7)	221 (3.8)	32 (6.3)	217 (5.1)!	22 (3.6)	222 (3.9)	14 (5.0)	213 (5.1)!
West	38 (4.4)	209 (3.4)	34 (5.8)	218 (2.2)	21 (4.7)	215 (4.4)!	6 (2.0)	215 (7.9)!
States								
Alabama	33 (3.9)	208 (2.2)	32 (2.9)	211 (2.0)	23 (2.9)	208 (3.5)	12 (2.8)	198 (4.3)!
Arizona	40 (3.0)	202 (2.8)	30 (2.6)	206 (2.6)	23 (2.4)	211 (3.5)	8 (1.4)	216 (6.0)
Arkansas	27 (3.3)	211 (2.9)	29 (3.9)	204 (2.9)	32 (2.9)	212 (2.3)	12 (2.2)	207 (6.5)
California	47 (3.3)	198 (2.5)	35 (3.6)	196 (3.0)	15 (2.5)	200 (5.8)	4 (1.4)	*** (***)
Colorado	38 (2.9)	213 (1.9)	35 (2.6)	215 (2.1)	23 (2.3)	215 (2.5)	3 (1.1)	208 (10.2)!
Connecticut	44 (3.6)	222 (2.1)	31 (3.1)	225 (2.6)	19 (2.6)	222 (3.5)	6 (1.7)	219 (7.2)!
Delaware	27 (0.9)	211 (2.1)	26 (0.9)	209 (2.1)	32 (1.3)	207 (2.1)	15 (0.9)	192 (2.9)
Florida	49 (3.2)	206 (2.2)	30 (2.5)	203 (2.8)	17 (1.9)	205 (3.1)	4 (1.2)	204 (7.9)!
Georgia	41 (3.3)	215 (3.2)	29 (2.7)	204 (4.0)	22 (2.6)	205 (2.9)	8 (1.2)	197 (4.0)
Hawaii	38 (2.8)	202 (2.8)	38 (2.5)	202 (1.9)	19 (1.9)	196 (3.4)	5 (1.0)	199 (5.7)!
Indiana	34 (3.7)	220 (2.6)	25 (2.9)	221 (2.7)	26 (3.0)	223 (2.5)	16 (2.8)	215 (4.3)
Iowa	20 (3.1)	226 (2.5)	40 (3.5)	223 (2.2)	29 (3.4)	221 (2.2)	11 (2.4)	224 (2.9)!
Kentucky	42 (3.6)	213 (2.0)	32 (2.9)	210 (2.2)	20 (3.0)	211 (3.8)	6 (1.8)	214 (3.6)!
Louisiana	25 (3.6)	194 (4.6)	29 (3.3)	197 (3.5)	34 (3.4)	198 (2.4)	12 (2.2)	200 (2.9)
Maine	26 (2.9)	230 (2.0)	34 (3.1)	230 (1.9)	29 (2.6)	229 (1.9)	11 (1.9)	222 (3.4)
Maryland	35 (2.9)	218 (2.4)	39 (3.0)	205 (2.6)	21 (2.9)	209 (3.9)	4 (1.2)	191 (9.9)!
Massachusetts	26 (3.1)	224 (3.2)	34 (2.8)	225 (2.3)	32 (3.2)	222 (2.2)	8 (1.9)	220 (3.4)!
Minnesota	31 (3.6)	214 (2.9)	29 (2.1)	222 (2.1)	30 (3.4)	221 (1.6)	11 (2.0)	219 (3.1)
Mississippi	26 (2.8)	199 (3.7)	35 (2.7)	202 (2.6)	27 (2.9)	203 (2.4)	12 (2.7)	209 (5.4)!
Missouri	32 (3.0)	219 (2.7)	25 (2.6)	219 (2.9)	27 (2.7)	212 (2.4)	16 (2.8)	218 (2.5)
Montana†	39 (3.6)	225 (2.3)	36 (3.6)	221 (1.8)	21 (3.0)	220 (2.7)	5 (1.3)	220 (5.6)!
Nebraska†	36 (3.8)	220 (2.3)	34 (3.3)	219 (2.8)	23 (3.3)	219 (2.7)	6 (1.8)	221 (5.9)!
New Hampshire†	33 (3.2)	222 (2.2)	36 (3.4)	224 (2.5)	25 (3.3)	225 (2.5)	5 (1.6)	221 (3.7)!
New Jersey	29 (3.2)	218 (2.7)	37 (3.0)	223 (2.2)	20 (2.5)	221 (3.1)	13 (2.8)	218 (4.2)!
New Mexico	46 (4.0)	203 (2.5)	33 (3.6)	208 (2.9)	15 (2.2)	207 (3.8)	7 (1.4)	194 (3.6)!
New York	52 (3.4)	212 (2.2)	27 (2.4)	213 (2.3)	16 (2.2)	207 (3.8)	5 (1.7)	226 (4.9)!
North Carolina	46 (3.7)	212 (2.1)	31 (3.0)	218 (2.6)	19 (2.6)	210 (3.8)	4 (1.3)	211 (5.5)!
North Dakota	29 (3.6)	225 (2.1)	30 (3.2)	225 (1.8)	28 (3.4)	227 (2.6)	13 (2.8)	223 (3.3)!
Pennsylvania†	35 (3.2)	216 (2.6)	30 (2.8)	213 (3.1)	24 (3.3)	219 (4.0)	12 (2.6)	217 (5.0)!
Rhode Island†	34 (3.9)	223 (2.5)	34 (3.3)	219 (2.1)	18 (2.3)	214 (2.9)	14 (2.6)	222 (3.4)
South Carolina	32 (3.2)	204 (2.2)	36 (2.5)	203 (2.3)	24 (3.7)	202 (3.0)	8 (1.9)	210 (4.9)!
Tennessee†	27 (3.9)	208 (3.2)	28 (3.3)	215 (3.0)	29 (3.8)	214 (3.7)	16 (2.3)	213 (4.9)
Texas	35 (3.9)	211 (3.2)	31 (3.0)	210 (2.9)	28 (3.0)	218 (3.1)	5 (1.3)	221 (3.5)!
Utah	30 (2.9)	220 (2.2)	33 (2.4)	218 (2.4)	26 (2.7)	216 (2.2)	11 (2.0)	210 (4.4)
Virginia	46 (3.2)	214 (2.2)	30 (2.5)	214 (2.2)	17 (2.1)	215 (3.6)	7 (1.6)	206 (5.9)!
Washington	37 (3.2)	217 (1.6)	33 (2.6)	214 (2.0)	21 (2.1)	212 (2.6)	9 (2.0)	200 (5.9)!
West Virginia	42 (4.0)	216 (1.8)	28 (3.5)	214 (1.4)	22 (2.6)	211 (2.4)	8 (2.1)	207 (5.3)!
Wisconsin†	29 (3.3)	222 (2.4)	32 (2.9)	228 (1.8)	33 (2.9)	221 (1.9)	6 (1.7)	232 (3.2)!
Wyoming	40 (3.5)	220 (1.7)	31 (2.7)	221 (2.2)	21 (2.7)	223 (2.3)	8 (1.7)	216 (4.6)!
Other Jurisdictions								
DoDEA Overseas	37 (2.7)	218 (1.4)	37 (2.7)	218 (1.6)	19 (1.8)	217 (2.4)	7 (0.9)	212 (3.2)
Guam	62 (1.4)	179 (1.8)	22 (1.0)	184 (2.3)	15 (0.8)	*** (***)	1 (0.3)	*** (***)

* The question associated with this variable was reformatted in 1994. No trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

Chapter 5: Characteristics of Fourth-Grade Reading Teachers

Overview

Chapter 5 presents data about the levels and types of degrees and certifications held by the fourth-grade teachers whose students participated in the NAEP reading assessment. Such data provides insight into the academic preparation of the instructors who teach reading to the students who were assessed. Data are also collected regarding teachers' professional development. They are asked questions about the number of years teaching, training in specific areas, and time spent in development seminars.

TABLE 53 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Their Highest Academic Degree***

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

What is the highest academic degree you hold?	**Bachelor's Degree**		**Master's or Specialist's Degree**		**Doctorate or Professional Degree**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	59 (2.7)	213 (1.3)	41 (2.7)	215 (1.9)	0 (0.1)	*** (***)
Northeast	39 (6.3)	214 (3.1)	61 (6.3)	212 (2.5)	*** (***)	*** (***)
Southeast	59 (5.8)	207 (2.3)	41 (5.8)	210 (3.6)	*** (***)	*** (***)
Central	66 (4.9)	217 (3.1)	34 (4.9)	224 (4.9)	*** (***)	*** (***)
West	69 (4.6)	213 (1.9)	31 (4.6)	217 (3.5)	0 (0.3)	*** (***)
States						
Alabama	46 (3.2)	206 (2.4)	54 (3.2)	210 (1.9)	1 (0.6)	*** (***)
Arizona	64 (2.4)	203 (2.2)	36 (2.3)	212 (2.2)	0 (0.1)	*** (***)
Arkansas	73 (3.3)	209 (2.1)	27 (3.3)	209 (2.9)	*** (***)	*** (***)
California	71 (2.8)	198 (2.2)	29 (2.8)	198 (2.9)	*** (***)	*** (***)
Colorado	57 (2.9)	213 (1.8)	43 (2.9)	215 (1.8)	*** (***)	*** (***)
Connecticut	21 (2.7)	219 (3.6)	78 (2.8)	224 (2.0)	1 (0.6)	*** (***)
Delaware	62 (0.9)	205 (1.6)	38 (0.9)	210 (1.8)	0 (0.2)	*** (***)
Florida	65 (2.9)	203 (2.1)	34 (2.9)	208 (3.0)	1 (0.6)	*** (***)
Georgia	52 (2.8)	206 (3.6)	48 (2.8)	211 (2.3)	*** (***)	*** (***)
Hawaii	64 (2.7)	201 (1.8)	35 (2.6)	201 (3.1)	2 (0.7)	*** (***)
Indiana	16 (2.5)	214 (3.1)	84 (2.5)	221 (1.5)	0 (0.2)	*** (***)
Iowa	66 (3.5)	224 (1.6)	33 (3.5)	223 (2.3)	0 (0.4)	*** (***)
Kentucky	18 (2.3)	207 (4.0)	82 (2.3)	213 (1.6)	*** (***)	*** (***)
Louisiana	70 (3.3)	197 (2.1)	30 (3.4)	198 (2.4)	0 (0.2)	*** (***)
Maine	69 (2.7)	229 (1.5)	31 (2.7)	227 (2.1)	*** (***)	*** (***)
Maryland	47 (3.6)	209 (2.9)	53 (3.7)	211 (2.5)	1 (0.5)	*** (***)
Massachusetts	48 (3.5)	224 (2.1)	51 (3.6)	223 (1.8)	0 (0.3)	*** (***)
Minnesota	58 (3.1)	217 (1.7)	42 (3.1)	221 (1.9)	*** (***)	*** (***)
Mississippi	56 (3.6)	202 (2.0)	44 (3.6)	202 (2.9)	0 (0.4)	*** (***)
Missouri	56 (3.3)	216 (1.9)	44 (3.3)	218 (2.2)	1 (0.5)	*** (***)
Montana†	72 (2.4)	222 (1.4)	27 (2.4)	224 (2.6)	1 (0.5)	*** (***)
Nebraska†	65 (3.4)	219 (1.8)	35 (3.4)	221 (2.2)	*** (***)	*** (***)
New Hampshire†	64 (3.4)	225 (1.6)	36 (3.4)	221 (2.5)	*** (***)	*** (***)
New Jersey	69 (2.4)	219 (1.7)	31 (2.4)	224 (2.3)	0 (0.1)	*** (***)
New Mexico	54 (3.2)	203 (2.3)	46 (3.2)	207 (2.5)	1 (0.4)	*** (***)
New York	27 (2.4)	209 (2.8)	73 (2.4)	213 (1.6)	0 (0.2)	*** (***)
North Carolina	68 (3.1)	214 (1.8)	32 (3.1)	213 (2.8)	0 (0.2)	*** (***)
North Dakota	84 (2.8)	225 (1.4)	16 (2.8)	227 (2.5)!	*** (***)	*** (***)
Pennsylvania†	43 (3.7)	211 (2.9)	57 (3.7)	219 (2.0)	*** (***)	*** (***)
Rhode Island†	34 (3.6)	219 (2.2)	65 (3.3)	220 (1.5)	1 (0.9)	*** (***)
South Carolina	51 (3.2)	202 (1.9)	49 (3.3)	206 (2.0)	0 (0.4)	*** (***)
Tennessee†	55 (4.0)	214 (2.5)	44 (4.0)	212 (2.5)	0 (0.3)	*** (***)
Texas	74 (2.4)	213 (2.1)	25 (2.4)	211 (3.1)	0 (0.2)	*** (***)
Utah	72 (2.8)	216 (1.5)	28 (2.8)	222 (2.0)	*** (***)	*** (***)
Virginia	68 (2.9)	214 (1.7)	32 (2.9)	213 (2.6)	*** (***)	*** (***)
Washington	58 (3.4)	213 (1.8)	42 (3.4)	214 (1.9)	0 (0.4)	*** (***)
West Virginia	46 (3.8)	214 (1.6)	54 (3.8)	213 (1.4)	*** (***)	*** (***)
Wisconsin†	64 (3.8)	224 (1.4)	36 (3.8)	224 (1.9)	0 (0.1)	*** (***)
Wyoming	74 (2.5)	221 (1.4)	25 (2.5)	221 (2.3)	0 (0.5)	*** (***)
Other Jurisdictions						
DoDEA Overseas	39 (2.8)	217 (1.4)	58 (3.0)	218 (1.1)	3 (1.2)	*** (***)
Guam	68 (0.7)	180 (1.6)	31 (0.7)	182 (2.3)	1 (0.1)	*** (***)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 54 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Areas of Teaching Certification***

Do you have teaching certification in any of the following areas that is recognized by your state?	Education (Elementary or Middle School)		English/Language Arts (Middle School or Secondary School)		Reading	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	75 (2.5)	213 (1.3)	7 (1.6)	214 (3.8)!	18 (2.1)	216 (2.8)
Northeast	78 (4.6)	213 (2.7)	3 (1.5)	*** (***)	18 (3.7)	218 (3.7)
Southeast	73 (5.8)	207 (2.8)	9 (3.0)	219 (4.7)!	17 (5.2)	209 (5.2)!
Central	78 (5.2)	219 (2.4)	7 (3.0)	217 (8.8)!	14 (4.0)	224 (8.2)!
West	72 (4.6)	213 (2.4)	7 (3.8)	214 (5.6)!	21 (3.6)	216 (4.4)
States						
Alabama	76 (3.2)	208 (2.0)	6 (1.2)	214 (5.7)	18 (3.1)	207 (3.5)
Arizona	80 (2.2)	207 (2.1)	8 (1.6)	207 (6.7)!	12 (1.8)	206 (4.8)
Arkansas	73 (3.5)	210 (1.8)	1 (0.5)	*** (***)	26 (3.4)	210 (3.7)
California	85 (2.2)	198 (2.3)	7 (1.5)	199 (5.8)!	8 (1.9)	200 (6.6)!
Colorado	82 (2.1)	215 (1.4)	4 (1.0)	218 (5.2)!	14 (1.8)	213 (3.9)
Connecticut	82 (2.6)	223 (1.9)	7 (1.9)	222 (6.2)!	10 (1.9)	216 (4.6)
Delaware	80 (1.1)	207 (1.3)	6 (0.4)	218 (3.8)	14 (1.1)	205 (2.8)
Florida	84 (1.9)	204 (1.8)	3 (0.9)	195 (10.0)!	13 (1.8)	209 (4.6)
Georgia	88 (2.0)	209 (2.7)	4 (1.1)	211 (7.3)!	7 (1.8)	201 (3.7)!
Hawaii	77 (2.3)	199 (1.8)	2 (0.8)	*** (***)	21 (2.1)	206 (3.4)
Indiana	75 (3.2)	221 (1.8)	3 (1.0)	220 (5.9)!	22 (3.0)	221 (2.4)
Iowa	53 (3.5)	223 (1.7)	8 (2.4)	218 (3.7)!	38 (3.6)	224 (1.9)
Kentucky	76 (2.4)	211 (1.6)	6 (1.5)	214 (3.1)!	18 (2.2)	214 (4.6)
Louisiana	67 (3.6)	196 (2.0)	3 (1.2)	187 (9.3)!	29 (3.6)	203 (2.6)
Maine	81 (2.7)	228 (1.4)	5 (1.1)	228 (4.9)!	14 (2.6)	229 (2.6)
Maryland	72 (3.3)	211 (2.1)	8 (1.9)	218 (4.6)!	20 (2.6)	206 (4.1)
Massachusetts	83 (2.2)	224 (1.7)	3 (0.9)	223 (4.7)!	14 (2.0)	220 (4.5)
Minnesota	84 (2.6)	219 (1.4)	1 (0.8)	*** (***)	15 (2.5)	217 (3.2)
Mississippi	64 (3.1)	202 (2.1)	4 (1.1)	217 (7.8)!	33 (3.1)	200 (3.0)
Missouri	78 (2.5)	219 (1.8)	5 (1.3)	223 (5.9)!	17 (2.1)	212 (4.3)
Montana†	78 (3.0)	222 (1.6)	5 (1.4)	223 (3.9)!	17 (2.8)	222 (3.1)
Nebraska†	76 (3.5)	221 (1.8)	4 (1.7)	*** (***)	20 (3.2)	217 (2.6)
New Hampshire†	90 (1.8)	223 (1.4)	2 (0.8)	*** (***)	8 (1.8)	226 (4.4)!
New Jersey	81 (2.8)	220 (1.3)	3 (1.3)	226 (6.1)!	16 (2.4)	221 (4.3)
New Mexico	69 (2.8)	206 (2.0)	13 (2.2)	206 (2.9)	18 (2.3)	203 (4.0)
New York	86 (1.9)	212 (1.6)	3 (0.9)	213 (10.0)!	11 (1.9)	218 (3.8)
North Carolina	63 (2.8)	213 (1.7)	11 (1.8)	217 (5.2)	26 (2.8)	215 (2.7)
North Dakota	73 (3.4)	225 (1.5)	2 (1.4)	*** (***)	25 (3.2)	227 (2.2)
Pennsylvania†	82 (2.5)	216 (1.8)	5 (2.0)	*** (***)	13 (2.0)	223 (3.3)
Rhode Island†	88 (2.3)	220 (1.2)	4 (1.4)	226 (5.4)!	7 (1.5)	216 (7.9)!
South Carolina	81 (2.1)	204 (1.4)	7 (1.6)	201 (5.0)!	13 (1.8)	208 (5.7)
Tennessee†	71 (3.4)	213 (2.1)	11 (2.7)	217 (4.1)!	18 (3.4)	210 (4.2)
Texas	70 (3.2)	213 (2.0)	7 (1.5)	216 (7.4)!	23 (2.8)	210 (4.0)
Utah	77 (2.5)	217 (1.5)	3 (1.0)	226 (6.8)!	20 (2.4)	220 (2.6)
Virginia	76 (2.3)	214 (1.5)	8 (1.5)	220 (4.1)	15 (2.1)	210 (3.7)
Washington	60 (2.4)	215 (1.7)	10 (1.7)	211 (3.5)	31 (2.5)	211 (2.2)
West Virginia	61 (3.8)	214 (1.4)	17 (2.8)	210 (2.5)	23 (3.3)	216 (2.1)
Wisconsin†	79 (2.9)	226 (1.2)	9 (1.9)	229 (4.0)!	12 (2.5)	218 (3.2)!
Wyoming	74 (3.5)	220 (1.5)	5 (1.6)	225 (5.4)!	21 (3.3)	223 (2.3)
Other Jurisdictions						
DoDEA Overseas	59 (3.1)	218 (1.0)	11 (1.7)	222 (2.4)	30 (2.8)	216 (1.6)
Guam	79 (0.9)	182 (1.5)	5 (0.6)	*** (***)	16 (0.8)	*** (***)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 55

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
TEACHERS' REPORTS ON: Their Undergraduate Major*

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

What were your undergraduate major fields of study?	English, Reading and/or Language Arts		Education		Other Undergraduate Major	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	20 (1.8)	215 (2.7)	69 (2.8)	213 (1.2)	12 (2.1)	211 (4.1)
Northeast	15 (4.2)	220 (5.0)!	75 (4.5)	212 (2.7)	10 (1.8)	204 (7.5)
Southeast	13 (1.8)	209 (5.3)	80 (3.6)	208 (2.5)	7 (2.6)	209 (5.0)!
Central	17 (4.7)	220 (7.6)!	74 (6.2)	219 (2.3)	10 (3.3)	221 (8.5)!
West	31 (3.1)	213 (3.6)	50 (6.7)	215 (2.0)	19 (5.9)	211 (7.0)!
States						
Alabama	15 (2.9)	212 (3.7)	80 (3.0)	208 (1.8)	5 (1.3)	207 (5.6)!
Arizona	20 (2.2)	211 (3.2)	70 (2.5)	206 (2.3)	11 (1.7)	202 (4.5)
Arkansas	14 (2.3)	210 (4.2)	83 (2.7)	209 (1.9)	4 (1.4)	*** (***)
California	22 (2.8)	190 (3.7)	39 (3.5)	201 (2.8)	39 (3.1)	199 (3.1)
Colorado	23 (2.6)	214 (2.8)	65 (3.2)	213 (1.7)	13 (2.1)	219 (3.7)
Connecticut	15 (2.0)	218 (5.4)	66 (2.3)	224 (2.0)	19 (2.2)	221 (2.9)
Delaware	13 (0.6)	204 (3.4)	82 (0.8)	208 (1.2)	6 (0.4)	197 (5.3)
Florida	13 (1.8)	210 (4.3)	81 (2.0)	203 (1.9)	6 (1.2)	209 (4.8)!
Georgia	16 (1.9)	215 (3.8)	76 (2.0)	207 (2.7)	7 (1.3)	203 (6.1)
Hawaii	15 (1.8)	205 (3.7)	66 (2.7)	200 (1.8)	19 (2.4)	199 (4.1)
Indiana	16 (2.4)	219 (3.3)	82 (2.5)	220 (1.6)	2 (1.0)	*** (***)
Iowa	35 (3.4)	224 (2.0)	60 (3.2)	223 (1.6)	4 (1.4)	219 (5.6)!
Kentucky	14 (2.0)	217 (3.0)	84 (2.0)	211 (1.7)	1 (0.5)	*** (***)
Louisiana	9 (2.0)	199 (6.8)!	85 (2.1)	198 (1.5)	6 (1.0)	179 (4.6)
Maine	21 (2.3)	232 (2.8)	66 (2.9)	227 (1.5)	13 (1.8)	229 (2.5)
Maryland	12 (2.0)	203 (5.2)	81 (2.3)	211 (1.6)	7 (1.5)	205 (7.4)!
Massachusetts	15 (2.2)	223 (3.5)	74 (2.7)	224 (1.6)	11 (1.7)	222 (4.6)
Minnesota	14 (2.1)	218 (3.7)	81 (2.3)	219 (1.3)	5 (1.3)	215 (4.2)!
Mississippi	20 (2.2)	204 (2.6)	77 (2.3)	202 (2.0)	3 (0.8)	190 (12.7)!
Missouri	17 (2.1)	218 (3.3)	79 (2.3)	217 (1.6)	4 (1.0)	207 (9.2)!
Montana†	24 (3.2)	220 (2.2)	71 (3.5)	223 (1.5)	5 (1.8)	231 (4.9)!
Nebraska†	23 (3.1)	219 (3.0)	73 (3.1)	220 (1.7)	4 (1.6)	224 (4.8)!
New Hampshire†	18 (2.1)	221 (2.5)	71 (2.7)	225 (1.8)	11 (2.6)	218 (4.7)!
New Jersey	14 (2.1)	212 (3.7)	79 (2.3)	222 (1.6)	7 (1.4)	215 (5.4)!
New Mexico	29 (2.6)	205 (3.1)	61 (3.0)	207 (1.8)	10 (1.6)	192 (4.7)
New York	20 (2.3)	215 (3.3)	59 (3.1)	215 (2.0)	22 (2.4)	202 (3.3)
North Carolina	23 (2.3)	215 (3.1)	72 (2.2)	213 (1.6)	5 (1.2)	217 (4.4)!
North Dakota	22 (3.4)	222 (3.2)	76 (3.1)	226 (1.3)	2 (0.9)	*** (***)
Pennsylvania†	12 (2.6)	216 (4.5)!	79 (3.0)	217 (1.8)	9 (1.6)	200 (7.9)
Rhode Island†	18 (2.6)	223 (2.9)	72 (2.7)	219 (1.7)	10 (1.8)	219 (3.3)
South Carolina	9 (1.9)	202 (3.7)	85 (2.6)	204 (1.5)	6 (1.3)	203 (5.3)!
Tennessee†	17 (2.2)	212 (4.3)	77 (2.6)	213 (2.0)	6 (1.4)	210 (4.8)!
Texas	37 (2.8)	215 (3.1)	54 (2.6)	211 (2.3)	9 (1.6)	213 (4.0)
Utah	25 (2.3)	216 (2.7)	69 (2.3)	218 (1.4)	6 (1.2)	213 (7.1)!
Virginia	18 (2.2)	212 (4.1)	74 (2.7)	213 (1.6)	9 (1.8)	216 (6.3)!
Washington	27 (2.5)	210 (2.1)	59 (3.3)	214 (1.9)	14 (2.5)	215 (3.1)
West Virginia	34 (3.6)	214 (1.9)	62 (3.4)	213 (1.4)	3 (1.1)	212 (6.8)!
Wisconsin†	16 (2.5)	225 (2.7)	75 (2.8)	225 (1.3)	8 (1.7)	220 (3.7)!
Wyoming	18 (2.3)	222 (2.5)	78 (2.6)	220 (1.5)	4 (1.2)	225 (4.2)!
Other Jurisdictions						
DoDEA Overseas	25 (2.3)	217 (1.7)	62 (2.7)	217 (1.1)	13 (1.5)	217 (2.3)
Guam	24 (0.9)	*** (***)	63 (1.1)	180 (1.7)	13 (0.9)	*** (***)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 56

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Their Graduate Major***

THE NATION'S REPORT CARD
naep
1992
1994
Reading Assessment

What were your graduate major fields of study?	English, Reading and/or Language Arts		Education		Other Graduate Major or no graduate level of study	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	13 (1.2)	217 (3.1)	54 (2.7)	214 (1.7)	33 (2.5)	211 (1.8)
Northeast	18 (2.1)	220 (4.1)	56 (5.6)	213 (2.9)	26 (5.1)	209 (4.4)
Southeast	8 (1.8)	212 (4.8)!	56 (3.8)	209 (3.9)	35 (3.8)	206 (3.5)
Central	12 (2.6)	224 (9.3)	55 (5.7)	221 (3.6)	33 (4.9)	214 (4.0)
West	13 (2.7)	213 (5.5)!	50 (5.9)	213 (2.7)	37 (5.6)	215 (2.8)
States						
Alabama	11 (2.4)	208 (3.0)!	63 (3.1)	208 (2.1)	26 (2.7)	210 (2.5)
Arizona	19 (2.3)	206 (3.9)	55 (3.1)	206 (1.9)	26 (2.5)	209 (3.4)
Arkansas	16 (2.7)	206 (4.0)	45 (3.2)	208 (2.9)	39 (3.1)	212 (2.4)
California	9 (1.7)	186 (5.7)	65 (3.5)	201 (2.6)	26 (3.4)	195 (3.9)
Colorado	19 (2.6)	214 (3.3)	52 (3.0)	215 (2.0)	29 (2.2)	211 (2.2)
Connecticut	19 (2.1)	216 (3.5)	63 (2.9)	224 (2.0)	18 (2.3)	223 (3.4)
Delaware	13 (0.8)	209 (2.0)	52 (0.9)	208 (1.5)	35 (0.8)	205 (2.5)
Florida	15 (2.1)	212 (3.6)	51 (2.5)	206 (2.1)	34 (2.7)	199 (2.9)
Georgia	12 (2.0)	213 (5.2)	58 (2.7)	207 (2.6)	30 (2.5)	207 (3.3)
Hawaii	14 (2.0)	211 (4.3)	60 (2.9)	200 (1.9)	26 (2.0)	197 (2.3)
Indiana	15 (2.2)	223 (3.4)	79 (2.4)	220 (1.6)	6 (1.5)	211 (3.8)!
Iowa	30 (3.3)	223 (2.5)	44 (4.0)	223 (2.0)	26 (3.6)	223 (2.2)
Kentucky	13 (2.5)	211 (5.2)	77 (2.7)	212 (1.4)	11 (2.0)	212 (5.7)
Louisiana	11 (2.2)	196 (3.9)	46 (3.5)	200 (2.5)	42 (3.6)	194 (2.6)
Maine	15 (1.8)	234 (2.7)	40 (3.2)	228 (1.5)	45 (3.2)	227 (1.8)
Maryland	16 (2.2)	211 (4.4)	57 (3.0)	210 (2.0)	27 (2.8)	209 (3.3)
Massachusetts	23 (2.6)	225 (2.8)	52 (3.1)	224 (1.9)	25 (2.6)	222 (2.7)
Minnesota	15 (3.0)	215 (3.7)!	62 (3.1)	221 (1.6)	23 (2.5)	217 (2.5)
Mississippi	13 (2.3)	210 (4.6)	55 (3.5)	200 (2.7)	32 (3.2)	202 (3.1)
Missouri	16 (1.9)	216 (3.4)	62 (2.5)	218 (1.9)	23 (2.4)	215 (2.8)
Montana†	20 (2.2)	219 (2.8)	58 (3.0)	223 (1.8)	22 (2.8)	223 (2.5)
Nebraska†	20 (3.0)	218 (2.9)	65 (3.0)	221 (1.8)	15 (2.4)	216 (4.0)
New Hampshire†	16 (2.9)	225 (3.5)	45 (3.5)	222 (2.0)	39 (2.9)	225 (2.0)
New Jersey	15 (1.7)	222 (3.5)	37 (3.2)	218 (2.4)	48 (3.1)	222 (1.8)
New Mexico	21 (2.4)	210 (2.6)	53 (3.2)	205 (2.3)	26 (2.9)	201 (3.3)
New York	25 (2.3)	215 (2.7)	64 (2.7)	213 (1.8)	11 (1.6)	202 (4.9)
North Carolina	15 (2.3)	218 (3.6)	32 (2.8)	213 (2.9)	52 (3.8)	214 (1.9)
North Dakota	16 (3.0)	228 (2.8)	55 (3.5)	226 (1.5)	29 (3.5)	222 (2.7)
Pennsylvania†	21 (3.4)	218 (3.3)	63 (3.5)	216 (2.3)	16 (2.2)	212 (4.5)
Rhode Island†	16 (2.7)	220 (3.0)	67 (3.5)	220 (1.7)	17 (2.8)	222 (3.2)
South Carolina	14 (2.2)	201 (4.5)	65 (2.6)	205 (1.9)	20 (3.0)	200 (3.4)
Tennessee†	15 (2.6)	211 (3.7)	54 (4.1)	214 (2.6)	31 (3.6)	212 (3.6)
Texas	19 (2.3)	216 (4.9)	30 (2.4)	211 (3.1)	51 (3.0)	212 (1.9)
Utah	16 (2.6)	214 (2.6)	52 (3.2)	218 (2.0)	32 (2.9)	217 (2.0)
Virginia	14 (1.9)	208 (3.9)	41 (2.4)	216 (2.6)	45 (2.8)	213 (2.0)
Washington	25 (2.6)	215 (1.9)	54 (3.3)	213 (2.2)	21 (2.6)	213 (2.1)
West Virginia	19 (2.5)	212 (2.4)	65 (3.5)	214 (1.5)	16 (2.4)	212 (2.6)
Wisconsin†	18 (2.8)	222 (2.8)	56 (3.8)	224 (1.6)	26 (2.8)	224 (2.3)
Wyoming	20 (2.5)	218 (2.8)	54 (3.3)	222 (1.7)	26 (3.3)	221 (2.4)
Other Jurisdictions						
DoDEA Overseas	23 (2.3)	216 (1.5)	56 (2.3)	218 (1.0)	21 (1.9)	215 (1.9)
Guam	12 (0.7)	*** (***)	54 (0.8)	183 (1.7)	35 (1.1)	178 (2.4)

* The 1992 data are not reported for this variable due to a rewording of the question for the 1994 assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 57

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Number of Years of Overall Teaching Experience**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

Counting this year, how many years in total have you taught?	10 Years or Less		More Than 10 Years but Less Than 25 Years		25 Years or More	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	31 (2.2)	212 (2.1)	51 (2.4)	219 (1.5)	18 (1.7)	216 (2.0)
Northeast	22 (6.2)	219 (5.6)!	67 (6.0)	222 (3.9)	11 (2.8)	218 (7.5)!
Southeast	35 (3.6)	211 (5.5)	50 (5.1)	214 (3.4)	15 (3.2)	207 (5.1)!
Central	30 (4.1)	217 (2.3)	43 (4.4)	220 (3.0)	27 (3.8)	220 (3.4)
West	37 (3.7)	207 (3.8)	45 (3.6)	217 (1.6)	17 (3.8)	213 (2.9)!
States						
Alabama	30 (2.7)	208 (2.9)	62 (2.9)	209 (2.1)	8 (1.8)	208 (5.6)!
Arizona	43 (2.5)	206 (2.0)	47 (2.5)	211 (1.6)	10 (1.9)	215 (3.1)
Arkansas	35 (2.9)	212 (2.0)	50 (3.5)	211 (1.9)	16 (2.4)	207 (3.5)
California	41 (3.8)	197 (3.5)	40 (3.7)	205 (3.6)	19 (2.7)	205 (3.8)
Colorado	34 (2.8)	217 (2.1)	52 (3.0)	216 (1.7)	14 (2.1)	217 (2.6)
Connecticut	24 (2.9)	220 (3.6)	57 (3.3)	225 (1.4)	19 (2.4)	219 (3.4)
Delaware†	40 (1.1)	211 (1.7)	49 (1.0)	214 (1.1)	10 (0.5)	217 (1.7)
Florida	37 (3.0)	209 (1.7)	49 (2.9)	209 (1.7)	14 (1.8)	207 (3.3)
Georgia	40 (2.7)	212 (2.3)	50 (2.8)	211 (2.1)	10 (1.9)	216 (4.7)!
Hawaii	39 (2.7)	202 (3.0)	39 (3.1)	206 (2.5)	22 (2.2)	202 (3.3)
Indiana	28 (3.2)	220 (2.0)	56 (3.3)	221 (1.6)	16 (2.1)	224 (2.3)
Iowa	31 (2.8)	222 (2.1)	49 (3.3)	228 (1.4)	21 (2.7)	225 (1.7)
Kentucky	30 (3.2)	209 (2.1)	56 (2.8)	216 (1.9)	14 (2.4)	211 (3.0)
Louisiana	37 (3.0)	202 (1.8)	52 (3.1)	205 (1.7)	11 (2.0)	206 (4.1)
Maine†	34 (3.6)	226 (1.7)	52 (3.8)	228 (1.3)	14 (2.4)	223 (3.1)
Maryland	41 (3.0)	210 (2.5)	43 (3.0)	212 (1.9)	16 (2.3)	213 (4.2)
Massachusetts	15 (2.4)	226 (2.8)	56 (3.3)	227 (1.3)	29 (3.6)	226 (2.2)
Minnesota	26 (3.1)	221 (2.8)	54 (3.1)	222 (1.5)	20 (2.2)	218 (2.6)
Mississippi	32 (3.8)	197 (2.8)	53 (3.4)	199 (2.1)	15 (2.5)	204 (2.9)
Missouri	35 (2.8)	221 (2.4)	54 (2.7)	220 (1.3)	11 (2.0)	219 (3.5)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	31 (3.2)	217 (2.0)	51 (3.3)	223 (1.5)	18 (3.1)	223 (2.4)
New Hampshire†	34 (2.9)	225 (2.2)	53 (3.4)	229 (1.3)	12 (2.3)	229 (2.8)
New Jersey†	23 (2.7)	214 (3.9)	56 (3.4)	227 (1.6)	21 (3.1)	222 (3.5)
New Mexico	38 (3.3)	208 (2.4)	45 (3.5)	212 (2.0)	17 (3.1)	210 (4.0)
New York†	35 (3.6)	202 (3.8)	47 (3.2)	220 (1.5)	18 (2.1)	224 (2.2)
North Carolina	32 (2.5)	213 (1.7)	52 (3.3)	212 (1.7)	16 (2.3)	212 (2.7)
North Dakota	28 (3.0)	225 (2.3)	53 (3.5)	227 (1.6)	18 (2.5)	224 (2.5)
Pennsylvania	20 (2.7)	219 (3.4)	59 (2.5)	220 (1.5)	21 (2.6)	224 (2.5)
Rhode Island	30 (2.9)	216 (2.9)	55 (3.4)	218 (2.0)	16 (2.2)	214 (4.0)
South Carolina	40 (3.1)	207 (2.2)	55 (3.2)	212 (1.8)	5 (1.1)	210 (4.2)!
Tennessee	28 (2.6)	210 (2.7)	49 (3.2)	214 (2.0)	23 (2.8)	210 (3.1)
Texas	54 (2.9)	211 (1.8)	37 (2.6)	214 (2.2)	9 (1.9)	218 (5.2)!
Utah	45 (3.0)	220 (1.6)	43 (3.1)	219 (1.7)	11 (2.0)	226 (2.1)
Virginia	41 (2.6)	219 (1.8)	48 (2.4)	223 (2.0)	11 (2.2)	218 (4.6)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	19 (2.7)	210 (3.0)	66 (3.3)	217 (1.5)	15 (2.0)	214 (3.8)
Wisconsin	29 (2.9)	223 (2.2)	45 (2.9)	223 (1.5)	26 (3.0)	225 (1.8)
Wyoming	29 (2.7)	221 (1.8)	55 (2.9)	225 (1.5)	16 (2.2)	222 (2.1)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	38 (1.0)	178 (2.6)	50 (1.1)	189 (1.5)	12 (0.6)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 57 — *1994 READING ASSESSMENT*

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Number of Years of Overall Teaching Experience**

Counting this year, how many years in total have you taught?	**10 Years or Less**		**More Than 10 Years but Less Than 25 Years**		**25 Years or More**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	33 (2.4)	210 (1.9)	48 (2.1)	214 (1.9)	19 (1.9)	216 (2.8)
Northeast	25 (3.4)	212 (3.6)	50 (4.3)	211 (4.5)	25 (4.8)>	216 (6.9)
Southeast	38 (4.6)	206 (3.4)	48 (4.1)	211 (3.1)	15 (3.7)	205 (4.4)!
Central	31 (4.2)	211 (5.2)	50 (3.3)	223 (4.6)	19 (3.3)	222 (3.3)!
West	37 (5.6)	212 (3.0)	46 (4.7)	214 (2.7)	17 (3.5)	218 (5.8)!
States						
Alabama	42 (3.0)>	210 (1.9)	50 (2.9)<	206 (2.0)	8 (1.9)	210 (5.2)!
Arizona	46 (2.5)	206 (2.6)	47 (2.5)	206 (2.1)	7 (1.3)	211 (4.8)
Arkansas	39 (3.1)	208 (2.7)	43 (3.8)	211 (2.4)	17 (2.6)	206 (3.6)
California	51 (4.3)	197 (2.9)	31 (3.9)	198 (3.4)	18 (3.0)	201 (4.4)
Colorado	42 (3.2)	210 (2.2)<	49 (2.9)	218 (1.5)	9 (1.9)	215 (2.8)!
Connecticut	34 (2.9)	220 (2.4)	46 (3.4)	223 (3.0)	20 (2.4)	226 (2.7)
Delaware	42 (1.1)	207 (1.9)	44 (1.1)<	205 (1.9)<<	14 (0.9)>>	212 (2.2)
Florida	38 (2.8)	200 (2.5)<	46 (2.3)	207 (2.1)	16 (2.1)	208 (4.2)
Georgia	49 (2.7)	206 (3.8)	42 (2.4)	211 (2.3)	9 (1.7)	204 (5.0)!
Hawaii	47 (2.7)	199 (2.1)	29 (2.2)<	203 (2.6)	24 (2.1)	201 (3.4)
Indiana	21 (2.8)	217 (3.2)	57 (3.3)	221 (1.7)	22 (2.7)	219 (3.6)
Iowa	24 (2.9)	223 (2.3)	55 (3.8)	222 (1.9)	20 (2.9)	225 (2.6)
Kentucky	33 (3.3)	209 (2.7)	46 (3.4)	211 (2.0)	20 (2.7)	216 (3.9)
Louisiana	43 (3.2)	197 (2.0)	44 (3.3)	200 (2.1)	13 (2.5)	190 (7.6)
Maine	28 (3.2)	228 (2.2)	59 (3.3)	229 (1.6)	13 (2.1)	228 (2.7)
Maryland	39 (3.0)	209 (3.1)	42 (3.1)	212 (2.6)	18 (2.2)	206 (3.0)
Massachusetts	21 (2.5)	222 (3.0)	51 (3.5)	224 (1.7)	29 (2.7)	224 (2.7)
Minnesota	36 (3.7)	216 (2.3)	38 (3.6)<	221 (1.6)	26 (3.3)	219 (2.4)
Mississippi	30 (3.4)	203 (2.5)	55 (3.5)	202 (2.1)	15 (2.3)	199 (4.3)
Missouri	38 (3.0)	217 (2.3)	45 (2.8)	219 (2.6)	17 (2.7)	212 (3.1)
Montana†	25 (2.6)	219 (2.6)	57 (3.3)	224 (1.6)	19 (2.6)	222 (2.4)
Nebraska†	26 (2.9)	218 (2.5)	54 (3.6)	221 (2.0)	20 (3.1)	218 (2.5)
New Hampshire†	30 (3.0)	220 (2.4)	51 (3.9)	226 (1.9)	18 (2.7)	222 (2.5)
New Jersey	30 (3.1)	219 (2.3)	52 (3.3)	219 (1.9)<	18 (2.5)	227 (3.7)
New Mexico	43 (3.5)	200 (2.8)	47 (3.5)	208 (2.2)	10 (2.1)	206 (4.7)!
New York	42 (3.2)	203 (2.3)	39 (3.1)	216 (2.2)	20 (2.7)	223 (2.6)
North Carolina	37 (3.3)	212 (2.7)	48 (2.9)	215 (1.8)	16 (2.5)	213 (3.1)
North Dakota	32 (3.4)	222 (2.8)	48 (3.6)	226 (1.6)	20 (2.8)	230 (1.6)
Pennsylvania†	23 (3.4)	209 (4.4)	52 (4.2)	219 (2.0)	25 (3.4)	216 (3.6)
Rhode Island†	25 (2.8)	218 (2.2)	51 (3.1)	221 (1.8)	24 (2.4)>	218 (3.1)
South Carolina	40 (3.3)	200 (2.1)<	51 (3.2)	206 (2.0)	9 (1.1)	206 (5.1)
Tennessee†	35 (3.7)	211 (3.2)	45 (3.8)	214 (2.5)	20 (2.8)	214 (3.6)
Texas	48 (2.9)	210 (2.8)	39 (2.8)	218 (2.6)	13 (2.3)	208 (4.6)
Utah	40 (3.2)	217 (2.1)	49 (3.1)	217 (1.9)	11 (2.2)	221 (3.6)
Virginia	41 (3.0)	210 (2.2)<	48 (3.0)	216 (1.9)<	11 (1.6)	213 (4.3)
Washington	36 (3.2)	211 (2.1)	52 (3.2)	214 (1.7)	13 (2.0)	214 (2.7)
West Virginia	19 (3.1)	208 (3.2)	67 (3.2)	215 (1.3)	14 (2.5)	211 (2.8)
Wisconsin†	34 (2.6)	225 (2.1)	42 (2.8)	225 (1.7)	25 (2.8)	223 (2.0)
Wyoming	23 (2.9)	217 (1.8)	57 (3.8)	222 (1.7)	20 (3.0)	223 (2.3)
Other Jurisdictions						
DoDEA Overseas	27 (1.5)	217 (1.5)	40 (2.4)	217 (1.2)	34 (2.3)	217 (1.5)
Guam	55 (0.9)>>	174 (1.8)	40 (0.9)<<	187 (1.7)	5 (0.3)<<	*** (***)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 58

1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: 1992 Grade 4 Public School Students

REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency

TEACHERS' REPORTS ON: Time Spent in Staff Development Workshops or Reading Seminars Last Year

During the last year, how much time have you spent in staff development workshops or reading seminars?	16 Hours or More		One to 15 Hours		None	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	31 (2.6)	215 (2.3)	60 (2.9)	217 (1.4)	9 (1.4)	214 (3.3)
Northeast	25 (5.7)	222 (7.2)!	63 (8.9)	220 (3.1)	12 (4.3)	223 (9.6)!
Southeast	34 (4.6)	209 (4.4)	59 (4.9)	215 (3.0)	7 (1.8)	205 (4.6)!
Central	36 (6.5)	221 (3.1)!	54 (6.0)	218 (2.0)	11 (3.1)	218 (4.0)!
West	29 (3.0)	207 (4.6)	65 (3.1)	216 (2.8)	7 (1.9)	203 (4.6)!
States						
Alabama	30 (3.1)	208 (3.0)	62 (3.6)	209 (1.9)	8 (1.9)	204 (4.6)!
Arizona	24 (3.0)	210 (2.4)	58 (2.9)	209 (2.0)	18 (2.1)	211 (2.0)
Arkansas	33 (3.9)	212 (2.3)	57 (3.8)	212 (1.6)	10 (2.0)	203 (5.1)!
California	33 (2.8)	200 (3.0)	61 (3.2)	204 (2.5)	6 (1.8)	200 (12.3)!
Colorado	23 (2.4)	219 (2.5)	66 (2.6)	216 (1.3)	11 (1.8)	212 (3.9)
Connecticut	28 (2.9)	220 (3.2)	68 (2.9)	224 (1.4)	4 (1.1)	226 (4.9)!
Delaware†	20 (1.0)	212 (2.2)	66 (1.2)	213 (0.8)	13 (0.9)	215 (1.0)
Florida	30 (3.1)	212 (1.9)	63 (3.2)	208 (1.6)	7 (1.3)	202 (3.7)
Georgia	27 (2.7)	210 (2.9)	61 (2.7)	213 (1.9)	12 (2.0)	213 (3.7)
Hawaii	30 (2.6)	200 (2.4)	61 (2.7)	204 (2.1)	9 (1.7)	212 (4.3)
Indiana	17 (2.3)	220 (2.5)	64 (3.1)	222 (1.4)	19 (3.0)	219 (2.9)
Iowa	26 (3.2)	224 (2.0)	63 (2.9)	227 (1.2)	11 (1.9)	221 (3.0)
Kentucky	18 (2.6)	214 (3.0)	64 (3.3)	213 (1.4)	17 (3.4)	211 (2.1)!
Louisiana	17 (2.7)	203 (2.7)	63 (3.0)	204 (1.8)	19 (3.1)	203 (3.2)
Maine†	16 (2.4)	230 (3.0)	60 (3.2)	225 (1.4)	24 (3.3)	228 (1.9)
Maryland	32 (3.2)	212 (2.3)	60 (3.2)	212 (2.2)	8 (1.6)	204 (6.3)!
Massachusetts	16 (2.1)	225 (2.8)	67 (3.0)	226 (1.2)	17 (2.9)	228 (2.3)
Minnesota	27 (2.5)	221 (2.1)	62 (2.9)	221 (1.4)	11 (2.1)	216 (5.2)
Mississippi	28 (3.3)	198 (3.2)	62 (3.6)	200 (1.8)	9 (1.7)	196 (3.6)
Missouri	15 (2.2)	219 (3.5)	64 (3.1)	219 (1.5)	21 (3.0)	225 (2.8)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	33 (3.0)	219 (1.6)	57 (3.5)	223 (1.5)	9 (2.1)	220 (4.8)!
New Hampshire†	34 (3.9)	228 (1.9)	60 (3.2)	228 (1.5)	6 (1.8)	221 (3.4)!
New Jersey†	23 (3.1)	221 (2.9)	58 (3.5)	225 (1.9)	19 (2.6)	219 (3.1)
New Mexico	18 (2.8)	206 (2.4)	63 (3.2)	211 (2.4)	19 (3.1)	211 (2.5)
New York†	27 (3.2)	212 (3.1)	52 (3.3)	214 (2.0)	21 (2.9)	220 (2.5)
North Carolina	28 (2.6)	211 (2.1)	63 (2.9)	212 (1.6)	9 (2.1)	215 (4.1)!
North Dakota	18 (3.1)	223 (2.0)	69 (4.0)	227 (1.6)	13 (3.1)	223 (4.0)!
Pennsylvania	24 (2.4)	223 (2.1)	62 (3.2)	220 (1.8)	14 (2.7)	223 (2.9)
Rhode Island	30 (2.7)	216 (3.3)	59 (2.9)	217 (1.9)	11 (1.9)	216 (4.8)
South Carolina	27 (3.4)	210 (2.6)	67 (3.4)	210 (1.6)	6 (1.2)	209 (4.6)
Tennessee	23 (2.4)	213 (2.7)	63 (2.4)	212 (1.7)	14 (2.1)	210 (3.3)
Texas	37 (3.5)	214 (2.7)	55 (3.3)	212 (2.1)	9 (1.8)	210 (4.2)!
Utah	22 (2.4)	225 (2.3)	62 (2.7)	219 (1.2)	16 (2.1)	221 (2.0)
Virginia	25 (3.1)	224 (3.0)	67 (3.1)	220 (1.7)	8 (1.4)	221 (3.7)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	17 (2.6)	214 (2.7)	71 (3.1)	216 (1.6)	12 (2.1)	212 (5.3)
Wisconsin	28 (3.2)	225 (1.9)	63 (3.2)	222 (1.1)	9 (2.2)	226 (2.8)!
Wyoming	20 (2.7)	225 (2.4)	64 (3.2)	223 (1.4)	16 (2.4)	225 (2.4)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	38 (0.9)	186 (2.3)	50 (1.1)	181 (1.6)	13 (0.7)	*** (***)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 58

1994 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Time Spent in Staff Development Workshops or Reading Seminars Last Year***

During the last year, how much time have you spent in staff development workshops or reading seminars?	**16 Hours or More**		**One to 15 Hours**		**None**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	36 (2.8)	214 (1.9)	54 (2.7)	212 (1.8)	10 (1.3)	219 (4.7)
Northeast	33 (4.8)	219 (4.6)	59 (4.6)	208 (2.3)	9 (2.3)	218 (20.9)!
Southeast	37 (5.2)	210 (3.6)	56 (5.6)	206 (3.2)	7 (2.4)	214 (9.0)!
Central	25 (6.3)	216 (4.2)!	60 (6.4)	220 (3.9)	15 (3.0)	221 (5.1)!
West	47 (5.5)	213 (2.9)	43 (4.4)	213 (4.2)	10 (2.6)	219 (4.9)!
States						
Alabama	34 (3.5)	207 (2.5)	60 (3.6)	208 (1.9)	6 (1.5)	214 (4.5)!
Arizona	31 (3.0)	201 (3.1)	58 (3.2)	207 (2.2)	12 (2.0)	214 (4.1)
Arkansas	37 (3.1)	212 (1.9)	55 (3.1)	206 (2.4)	9 (2.0)	217 (5.4)!
California	43 (3.7)	193 (2.9)	52 (3.8)	201 (2.8)	5 (1.2)	204 (8.2)!
Colorado	30 (2.7)	215 (2.4)	56 (2.6)	213 (1.6)	14 (1.9)	216 (3.0)
Connecticut	38 (3.2)	224 (2.6)	57 (3.0)	222 (2.4)	5 (1.3)	214 (7.9)!
Delaware	31 (1.1)	206 (2.0)	66 (1.0)	207 (1.3)	3 (0.4)	*** (***)
Florida	41 (3.2)	203 (2.8)	51 (3.1)	205 (2.1)	8 (1.9)	209 (4.9)!
Georgia	24 (2.5)	209 (2.7)	60 (3.0)	207 (3.4)	16 (2.5)	211 (3.2)
Hawaii	40 (2.8)	200 (2.5)	56 (2.9)	201 (2.1)	5 (1.1)	209 (7.1)!
Indiana	19 (3.0)	220 (2.8)	65 (3.2)	221 (1.9)	17 (2.8)	218 (3.2)
Iowa	29 (3.8)	226 (2.0)	59 (3.9)	222 (1.8)	11 (2.1)	223 (3.0)
Kentucky	45 (3.6)	211 (2.3)	47 (3.7)	213 (2.2)	9 (1.8)	211 (4.7)
Louisiana	29 (3.3)	197 (3.1)	64 (3.6)	198 (1.9)	8 (1.8)	194 (5.3)!
Maine	27 (2.7)	229 (2.5)	56 (2.9)	228 (1.4)	17 (2.7)	228 (2.5)
Maryland	28 (2.7)	203 (3.6)	67 (3.0)	212 (2.0)	4 (1.2)	218 (9.5)!
Massachusetts	32 (3.5)	225 (2.5)	60 (3.6)	223 (1.6)	8 (2.4)	220 (4.3)!
Minnesota	34 (3.5)	219 (2.4)	59 (3.7)	218 (1.5)	7 (1.8)	223 (3.9)!
Mississippi	37 (3.3)	203 (2.9)	56 (3.4)	200 (2.1)	8 (1.8)	207 (5.2)!
Missouri	29 (3.3)	216 (3.2)	60 (3.8)	217 (1.7)	11 (2.1)	217 (4.5)
Montana†	33 (3.4)	221 (1.8)	63 (3.5)	223 (1.8)	4 (1.2)	223 (6.7)!
Nebraska†	30 (3.2)	220 (2.5)	59 (3.8)	219 (2.0)	12 (2.9)	225 (2.4)!
New Hampshire†	35 (3.2)	223 (2.3)	58 (3.0)	224 (1.7)	6 (1.7)	218 (5.1)!
New Jersey	32 (3.0)	223 (2.9)	61 (3.2)	220 (1.7)	7 (2.1)	219 (6.5)!
New Mexico	23 (2.8)	202 (3.3)	59 (3.2)	206 (2.2)	18 (2.4)	204 (3.9)
New York	26 (2.9)	210 (3.1)	66 (3.1)	213 (1.9)	8 (1.7)	213 (5.5)!
North Carolina	31 (2.8)	212 (2.9)	60 (3.1)	214 (1.7)	9 (1.6)	216 (4.6)
North Dakota	30 (3.5)	225 (1.9)	61 (3.7)	226 (1.3)	9 (2.4)	223 (5.7)!
Pennsylvania†	27 (3.6)	220 (3.4)	62 (4.1)	215 (2.0)	12 (2.6)	212 (5.8)!
Rhode Island†	25 (3.0)	220 (3.0)	60 (3.2)	220 (1.8)	15 (2.5)	218 (2.8)
South Carolina	38 (3.2)	204 (2.2)	57 (3.4)	203 (2.1)	6 (1.3)	205 (4.8)!
Tennessee†	25 (3.0)	211 (2.9)	61 (3.5)	214 (2.4)	14 (2.8)	212 (4.1)!
Texas	48 (3.9)	212 (3.0)	47 (3.8)	213 (2.3)	5 (1.5)	215 (8.5)!
Utah	31 (2.9)	216 (2.9)	60 (3.2)	218 (1.5)	9 (1.7)	220 (3.1)
Virginia	33 (2.9)	211 (2.2)	61 (2.7)	214 (1.9)	6 (1.6)	216 (5.0)!
Washington	28 (2.7)	209 (1.9)	54 (3.6)	215 (1.9)	18 (2.8)	214 (4.1)
West Virginia	39 (3.9)	215 (1.7)	53 (3.5)	212 (1.8)	8 (2.2)	216 (3.1)!
Wisconsin†	33 (3.2)	223 (2.5)	56 (3.3)	225 (1.3)	11 (2.5)	226 (2.9)!
Wyoming	28 (2.4)	221 (2.4)	60 (3.2)	220 (1.5)	13 (2.1)	222 (2.9)
Other Jurisdictions						
DoDEA Overseas	21 (2.0)	215 (1.6)	64 (2.5)	218 (1.1)	14 (2.2)	217 (2.5)
Guam	40 (0.9)	182 (1.8)	45 (1.2)	182 (2.2)	16 (0.8)	*** (***)

* The question associated with this variable was reworded from 1992 to 1994. The results are not comparable, therefore, no trend comparison tests were conducted.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 59

1992 and 1994 READING ASSESSMENT

POPULATION: **1992 and 1992 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

TEACHERS' REPORTS ON: **Their Training in Specific Reading Areas**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

During the past five years, have you ever had training in the following area?	**Teaching Critical Thinking**							
NAEP assessment year...	**1992**				**1994**			
	Yes		**No**		**Yes**		**No**	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	83 (1.8)	216 (1.3)	17 (1.8)	217 (2.7)	78 (2.4)	213 (1.3)	22 (2.4)	214 (2.3)
Northeast	80 (3.3)	219 (4.5)	20 (3.3)	228 (6.2)!	74 (4.7)	210 (2.1)	26 (4.7)	220 (6.2)
Southeast	88 (2.4)	212 (2.9)	12 (2.4)	207 (5.2)!	81 (4.1)	210 (2.2)	19 (4.1)	203 (4.2)!
Central	78 (4.8)	220 (1.8)	22 (4.8)	219 (4.1)!	73 (6.0)	219 (3.8)	27 (6.0)	218 (2.9)!
West	84 (2.3)	213 (2.1)	16 (2.3)	211 (5.1)	83 (4.1)	214 (1.9)	17 (4.1)	210 (3.6)!
States								
Alabama	85 (2.4)	208 (1.9)	15 (2.4)	208 (4.3)	74 (3.3)<	208 (1.7)	26 (3.3)>	208 (2.6)
Arizona	81 (2.5)	210 (1.4)	19 (2.5)	209 (3.1)	72 (2.4)<	209 (2.1)	28 (2.4)>	199 (2.9)<
Arkansas	82 (2.7)	211 (1.3)	18 (2.7)	210 (2.8)	80 (2.3)	209 (1.6)	20 (2.3)	210 (4.5)
California	89 (1.8)	202 (2.3)	11 (1.8)	200 (3.4)	85 (2.7)	198 (1.9)	15 (2.7)	200 (4.6)!
Colorado	85 (2.2)	217 (1.3)	15 (2.2)	215 (2.9)	79 (2.4)<	215 (1.4)	21 (2.4)>	213 (2.8)
Connecticut	91 (1.6)	223 (1.5)	9 (1.6)	219 (3.7)	87 (2.1)	223 (1.7)	13 (2.1)	220 (4.9)
Delaware†	80 (1.3)	215 (0.9)	20 (1.3)	207 (1.4)	79 (0.6)	206 (1.4)<<	21 (0.6)	207 (2.6)
Florida	87 (1.6)	210 (1.4)	13 (1.6)	201 (3.0)	79 (2.6)<	205 (1.9)	21 (2.6)>	203 (3.1)
Georgia	78 (2.1)	213 (1.8)	22 (2.1)	207 (2.7)	77 (2.8)	207 (2.9)	23 (2.8)	211 (3.6)
Hawaii	89 (1.8)	204 (1.9)	11 (1.8)	198 (3.5)	84 (1.8)<	201 (1.8)	16 (1.8)>	202 (3.2)
Indiana	72 (2.8)	221 (1.3)	28 (2.8)	222 (2.4)	61 (3.8)<	221 (1.6)	39 (3.8)>	219 (2.0)
Iowa	81 (2.7)	226 (1.2)	19 (2.7)	224 (2.4)	78 (3.1)	224 (1.5)	22 (3.1)	219 (2.3)
Kentucky	66 (3.3)	213 (1.7)	34 (3.3)	213 (1.9)	79 (2.8)>	212 (1.5)	21 (2.8)<	212 (3.1)
Louisiana	86 (2.5)	203 (1.3)	14 (2.5)	208 (4.1)	74 (3.2)<	197 (1.7)<	26 (3.2)>	197 (2.7)
Maine†	75 (2.9)	228 (1.3)	25 (2.9)	223 (1.6)	64 (3.4)<	229 (1.8)	36 (3.4)>	228 (1.9)
Maryland	92 (1.7)	211 (1.6)	8 (1.7)	208 (5.1)!	92 (1.7)	210 (1.7)	8 (1.7)	208 (6.2)!
Massachusetts	80 (2.9)	227 (1.2)	20 (2.9)	225 (2.3)	79 (2.9)	225 (1.7)	21 (2.9)	219 (2.7)
Minnesota	77 (2.9)	222 (1.2)	23 (2.9)	218 (3.2)	74 (3.2)	219 (1.7)	26 (3.2)	218 (1.6)
Mississippi	84 (2.7)	199 (1.4)	16 (2.7)	201 (3.3)	75 (2.8)<	201 (2.1)	25 (2.8)>	205 (2.8)
Missouri	74 (3.0)	219 (1.5)	26 (3.0)	223 (2.1)	69 (3.2)	218 (1.9)	31 (3.2)	216 (2.2)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	79 (2.9)	222 (1.5)	21 (2.9)	224 (2.5)
Nebraska†	81 (3.3)	220 (1.2)	19 (3.3)	224 (2.5)	72 (4.1)	219 (1.7)	28 (4.1)	223 (2.7)
New Hampshire†	83 (2.7)	228 (1.3)	17 (2.7)	228 (2.9)	81 (2.8)	223 (1.7)	19 (2.8)	223 (2.4)
New Jersey†	80 (2.9)	222 (1.5)	20 (2.9)	228 (3.5)	84 (2.5)	221 (1.5)	16 (2.5)	215 (3.9)<
New Mexico	82 (2.7)	211 (1.7)	18 (2.7)	209 (3.8)	76 (2.5)	205 (1.8)<	24 (2.5)	206 (3.1)
New York†	79 (2.7)	214 (1.8)	21 (2.7)	218 (2.6)	74 (2.6)	211 (1.6)	26 (2.6)	214 (2.8)
North Carolina	82 (2.5)	213 (1.2)	18 (2.5)	207 (3.1)	89 (2.4)>	214 (1.6)	11 (2.4)<	208 (4.0)!
North Dakota	84 (2.3)	225 (1.3)	16 (2.3)	229 (2.6)	78 (3.6)	226 (1.4)	22 (3.6)	224 (2.8)
Pennsylvania†	80 (3.1)	221 (1.6)	20 (3.1)	220 (2.4)	73 (3.2)	216 (1.9)	27 (3.2)	216 (2.9)
Rhode Island†	66 (2.7)	218 (2.0)	34 (2.7)	215 (3.0)	72 (3.1)	219 (1.6)	28 (3.1)	222 (2.1)
South Carolina	89 (2.0)	210 (1.5)	11 (2.0)	211 (3.6)	88 (2.4)	204 (1.6)<	12 (2.4)	205 (3.3)
Tennessee†	84 (2.3)	212 (1.6)	16 (2.3)	214 (2.8)	66 (4.1)<<	212 (2.4)	34 (4.1)>>	216 (2.8)
Texas	84 (2.2)	212 (1.8)	16 (2.2)	215 (2.7)	89 (1.6)	213 (2.0)	11 (1.6)	210 (5.5)
Utah	87 (1.7)	220 (1.1)	13 (1.7)	220 (2.3)	84 (2.4)	217 (1.5)	16 (2.4)	218 (2.4)
Virginia	86 (1.5)	222 (1.5)	14 (1.5)	218 (3.2)	82 (2.3)	214 (1.7)<<	18 (2.3)	213 (3.3)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	74 (2.6)	215 (1.4)	26 (2.6)	209 (3.1)
West Virginia	73 (3.4)	216 (1.6)	27 (3.4)	214 (2.4)	77 (3.5)	213 (1.3)	23 (3.5)	212 (2.3)
Wisconsin†	84 (2.1)	224 (1.1)	16 (2.1)	221 (2.8)	71 (2.8)<<	224 (1.5)	29 (2.8)>>	224 (1.8)
Wyoming	81 (2.3)	224 (1.3)	19 (2.3)	222 (2.3)	75 (2.8)	221 (1.4)	25 (2.8)	221 (2.0)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	73 (2.7)	217 (0.9)	27 (2.7)	217 (1.7)
Guam	82 (0.8)	183 (1.4)	18 (0.8)	177 (3.0)	78 (1.0)<<	180 (1.5)	22 (1.0)>>	181 (2.2)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 59

1992 and 1994 READING ASSESSMENT

POPULATION: 1992 and 1992 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
TEACHERS' REPORTS ON: Their Training in Specific Reading Areas

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

During the past five years, have you ever had training in the following area?	Combining Reading and Writing							
NAEP assessment year...	1992				1994			
	Yes		No		Yes		No	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	89 (1.7)	216 (1.3)	11 (1.7)	216 (3.2)	89 (1.7)	213 (1.2)	11 (1.7)	217 (3.1)
Northeast	85 (4.5)	222 (4.6)	15 (4.5)	215 (6.8)!	89 (4.1)	212 (2.1)	11 (4.1)	217 (6.9)!
Southeast	92 (1.8)	212 (3.0)	8 (1.8)	208 (5.6)!	93 (1.7)	209 (1.9)	7 (1.7)	203 (4.9)!
Central	88 (4.0)	220 (2.0)	12 (4.0)	219 (5.1)!	79 (5.5)	218 (3.6)	21 (5.5)	223 (4.6)!
West	90 (3.0)	212 (1.9)	10 (3.0)	221 (6.3)!	94 (1.3)	214 (1.9)	6 (1.3)	213 (5.0)!
States								
Alabama	90 (2.2)	208 (1.8)	10 (2.2)	204 (4.5)!	85 (2.6)	209 (1.7)	15 (2.6)	204 (2.8)
Arizona	87 (2.4)	209 (1.5)	13 (2.4)	210 (4.3)	88 (2.1)	206 (2.0)	12 (2.1)	206 (4.1)
Arkansas	83 (2.3)	212 (1.3)	17 (2.3)	208 (3.1)	85 (2.1)	209 (1.6)	15 (2.1)	211 (5.0)
California	97 (1.0)	202 (2.1)	3 (1.0)	188 (7.8)!	97 (1.1)	198 (1.8)	3 (1.1)	199 (9.2)!
Colorado	94 (1.3)	217 (1.2)	6 (1.3)	215 (5.6)!	91 (1.8)	214 (1.3)	9 (1.8)	219 (3.2)!
Connecticut	97 (0.8)	223 (1.4)	3 (0.8)	212 (8.9)!	97 (1.0)	222 (1.7)	3 (1.0)	221 (10.5)!
Delaware†	88 (0.9)	214 (0.8)	12 (0.9)	206 (1.6)	93 (0.7)>>	207 (1.3)<<	7 (0.7)<<	202 (2.7)
Florida	91 (1.7)	210 (1.4)	9 (1.7)	202 (4.1)!	91 (1.7)	205 (1.8)<	9 (1.7)	205 (5.9)
Georgia	93 (1.6)	213 (1.6)	7 (1.6)	205 (3.4)!	87 (1.5)<	209 (2.6)	13 (1.5)>	205 (4.4)
Hawaii	93 (1.3)	203 (1.8)	7 (1.3)	205 (3.4)	89 (1.5)<	201 (1.7)	11 (1.5)>	202 (4.2)
Indiana	79 (3.0)	221 (1.3)	21 (3.0)	221 (2.7)	73 (3.2)	220 (1.4)	27 (3.2)	220 (2.9)
Iowa	94 (1.9)	226 (1.1)	6 (1.9)	220 (3.4)!	93 (2.0)	223 (1.5)	7 (2.0)	219 (4.6)!
Kentucky	84 (2.5)	213 (1.5)	16 (2.5)	212 (2.6)	95 (1.6)>>	212 (1.6)	5 (1.6)<<	204 (4.5)!
Louisiana	81 (2.7)	204 (1.4)	19 (2.7)	204 (3.1)	75 (3.0)	198 (1.8)<	25 (3.0)	195 (3.3)
Maine†	91 (2.1)	227 (1.2)	9 (2.1)	225 (2.7)!	82 (3.2)<	229 (1.4)	18 (3.2)>	229 (2.6)
Maryland	94 (1.6)	212 (1.7)	6 (1.6)	205 (5.8)!	93 (1.6)	210 (1.6)	7 (1.6)	209 (5.4)!
Massachusetts	84 (3.1)	226 (1.2)	16 (3.1)	227 (2.8)	86 (2.4)	225 (1.5)	14 (2.4)	216 (3.7)<
Minnesota	87 (2.1)	221 (1.4)	13 (2.1)	221 (3.5)	83 (2.3)	219 (1.5)	17 (2.3)	216 (2.9)
Mississippi	85 (2.1)	199 (1.5)	15 (2.1)	203 (3.2)	83 (2.9)	202 (1.9)	17 (2.9)	202 (4.5)
Missouri	87 (2.3)	219 (1.3)	13 (2.3)	225 (3.2)	81 (2.4)	218 (1.6)	19 (2.4)	212 (3.2)<
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	88 (2.5)	222 (1.4)	12 (2.5)	225 (3.0)!
Nebraska†	91 (2.5)	221 (1.1)	9 (2.5)	221 (4.4)!	88 (2.3)	220 (1.6)	12 (2.3)	219 (4.5)
New Hampshire†	95 (1.5)	228 (1.2)	5 (1.5)	230 (5.1)!	91 (2.2)	224 (1.6)<	9 (2.2)	221 (3.4)!
New Jersey†	86 (3.0)	223 (1.5)	14 (3.0)	225 (4.7)!	92 (1.5)	221 (1.3)	8 (1.5)	214 (6.2)!
New Mexico	85 (2.5)	212 (1.8)	15 (2.5)	204 (3.7)	79 (2.6)	206 (1.8)<	21 (2.6)	201 (3.6)
New York†	87 (2.2)	215 (1.7)	13 (2.2)	211 (6.5)	88 (2.1)	211 (1.5)	12 (2.1)	220 (3.8)
North Carolina	92 (1.8)	212 (1.1)	8 (1.8)	208 (2.9)!	93 (1.7)	214 (1.6)	7 (1.7)	215 (4.5)!
North Dakota	84 (3.8)	225 (1.3)	16 (3.8)	226 (4.6)!	76 (3.9)	225 (1.4)	24 (3.9)	226 (2.5)
Pennsylvania†	89 (2.0)	221 (1.4)	11 (2.0)	218 (3.6)	88 (2.3)	217 (1.9)	12 (2.3)	210 (4.1)
Rhode Island†	90 (2.0)	217 (1.9)	10 (2.0)	215 (4.9)!	88 (2.1)	220 (1.4)	12 (2.1)	220 (3.8)
South Carolina	94 (1.3)	210 (1.3)	6 (1.3)	205 (5.6)!	91 (2.0)	204 (1.6)<	9 (2.0)	200 (4.1)!
Tennessee†	85 (2.3)	213 (1.5)	15 (2.3)	210 (3.0)	83 (2.9)	212 (1.9)	17 (2.9)	217 (5.1)
Texas	92 (1.6)	213 (1.7)	8 (1.6)	208 (3.8)	95 (1.3)	213 (1.9)	5 (1.3)	210 (8.1)!
Utah	90 (1.7)	221 (1.1)	10 (1.7)	216 (3.4)	81 (2.4)<	218 (1.4)	19 (2.4)>	214 (2.8)
Virginia	94 (1.4)	221 (1.5)	6 (1.4)	223 (3.7)!	93 (2.1)	214 (1.5)<<	7 (2.1)	213 (6.6)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	79 (2.9)	213 (1.5)	21 (2.9)	214 (3.6)
West Virginia	87 (2.5)	216 (1.4)	13 (2.5)	209 (4.0)	87 (2.2)	214 (1.2)	13 (2.2)	208 (3.1)
Wisconsin†	92 (1.7)	223 (1.1)	8 (1.7)	228 (3.5)!	85 (3.0)<	225 (1.3)	15 (3.0)>	222 (2.3)!
Wyoming	85 (2.7)	223 (1.3)	15 (2.7)	223 (3.1)	84 (2.7)	221 (1.3)	16 (2.7)	221 (3.3)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	83 (2.1)	217 (0.9)	17 (2.1)	217 (1.8)
Guam	85 (0.9)	184 (1.6)	15 (0.9)	174 (2.2)	86 (1.0)	180 (1.5)	14 (1.0)	182 (2.5)>

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 59 1992 and 1994 READING ASSESSMENT

POPULATION: **1992 and 1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Their Training in Specific Reading Areas**

During the past five years, have you ever had training in the following area?	**Whole Language Approach to Reading**							
NAEP assessment year...	**1992**				**1994**			
	Yes		**No**		**Yes**		**No**	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	80 (2.0)	217 (1.4)	20 (2.0)	213 (1.8)	85 (2.1)	213 (1.2)	15 (2.1)	215 (3.5)
Northeast	74 (4.7)	223 (5.1)	26 (4.7)	214 (3.0)	83 (3.9)	211 (2.2)<	17 (3.9)	220 (7.1)!
Southeast	78 (2.3)	212 (3.7)	22 (2.3)	208 (3.1)	83 (4.7)	209 (2.0)	17 (4.7)	207 (5.7)!
Central	85 (5.0)	221 (2.0)	15 (5.0)	218 (3.8)!	80 (5.9)	219 (3.2)	20 (5.9)	220 (5.3)!
West	83 (3.5)	213 (2.1)	17 (3.5)	213 (3.9)	92 (1.9)>	214 (2.0)	8 (1.9)<	210 (8.8)!
States								
Alabama	80 (2.8)	207 (2.0)	20 (2.8)	211 (2.9)	80 (3.0)	209 (1.7)	20 (3.0)	205 (2.7)
Arizona	77 (2.7)	210 (1.3)	23 (2.7)	208 (2.8)	75 (2.7)	206 (2.3)	25 (2.7)	207 (2.9)
Arkansas	68 (3.4)	211 (1.5)	32 (3.4)	212 (2.1)	78 (3.1)>	210 (1.6)	22 (3.1)<	206 (3.7)
California	93 (1.8)	202 (2.3)	7 (1.8)	208 (8.3)!	94 (2.2)	197 (1.9)	6 (2.2)	205 (6.3)!
Colorado	89 (1.8)	217 (1.2)	11 (1.8)	215 (3.8)	88 (2.0)	214 (1.3)	12 (2.0)	212 (3.0)
Connecticut	89 (2.2)	224 (1.5)	11 (2.2)	213 (4.9)!	88 (2.2)	222 (1.8)	12 (2.2)	222 (5.2)
Delaware†	71 (0.9)	213 (0.9)	29 (0.9)	214 (1.1)	87 (0.7)>>	207 (1.4)<	13 (0.7)<<	201 (2.6)<<
Florida	89 (1.9)	209 (1.4)	11 (1.9)	207 (3.3)	90 (1.5)	205 (1.8)	10 (1.5)	205 (4.1)
Georgia	92 (1.6)	213 (1.6)	8 (1.6)	205 (3.8)	86 (1.8)<	210 (2.6)	14 (1.8)>	197 (3.3)
Hawaii	83 (2.1)	203 (1.9)	17 (2.1)	205 (3.0)	86 (1.7)	201 (1.7)	14 (1.7)	202 (3.9)
Indiana	70 (3.5)	220 (1.4)	30 (3.5)	223 (2.3)	74 (3.3)	222 (1.4)	26 (3.3)	217 (3.5)
Iowa	88 (2.6)	226 (1.1)	12 (2.6)	223 (3.3)!	94 (1.7)>	224 (1.4)	6 (1.7)<	219 (5.6)!
Kentucky	71 (3.2)	214 (1.6)	29 (3.2)	211 (1.8)	90 (2.2)>>	211 (1.4)	10 (2.2)<<	217 (7.4)!
Louisiana	68 (3.0)	201 (1.6)	32 (3.0)	210 (1.7)	72 (3.0)	198 (1.7)	28 (3.0)	196 (3.4)<<
Maine†	80 (3.2)	227 (1.3)	20 (3.2)	227 (2.2)	70 (3.2)<	228 (1.5)	30 (3.2)>	230 (2.0)
Maryland	86 (2.1)	211 (1.8)	14 (2.1)	211 (3.1)	86 (2.6)	209 (1.7)	14 (2.6)	218 (4.3)
Massachusetts	77 (3.1)	226 (1.3)	23 (3.1)	226 (2.0)	78 (2.5)	224 (1.6)	22 (2.5)	223 (2.9)
Minnesota	82 (2.7)	222 (1.4)	18 (2.7)	217 (2.8)	82 (2.7)	219 (1.5)	18 (2.7)	216 (2.8)
Mississippi	73 (3.2)	198 (1.7)	27 (3.2)	202 (2.6)	78 (3.3)	202 (1.8)	22 (3.3)	203 (3.8)
Missouri	79 (3.1)	219 (1.4)	21 (3.1)	224 (2.3)	82 (2.7)	218 (1.8)	18 (2.7)	215 (3.1)<
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	87 (2.6)	222 (1.5)	13 (2.6)	226 (3.5)!
Nebraska†	78 (3.4)	220 (1.1)	22 (3.4)	223 (2.9)	85 (2.8)	220 (1.7)	15 (2.8)	220 (3.2)
New Hampshire†	89 (1.6)	228 (1.3)	11 (1.6)	228 (3.7)	85 (3.1)	223 (1.7)<	15 (3.1)	227 (2.1)
New Jersey†	71 (3.1)	224 (1.7)	29 (3.1)	224 (2.9)	86 (2.4)>>	222 (1.4)	14 (2.4)<<	214 (4.5)
New Mexico	75 (3.0)	210 (1.7)	25 (3.0)	212 (3.1)	74 (3.1)	204 (2.1)	26 (3.1)	206 (3.2)
New York†	82 (2.3)	214 (1.6)	18 (2.3)	217 (4.5)	89 (2.1)>	211 (1.6)	11 (2.1)<	218 (4.5)!
North Carolina	83 (2.6)	213 (1.3)	17 (2.6)	208 (3.1)	89 (2.3)	213 (1.5)	11 (2.3)	217 (4.7)
North Dakota	69 (3.9)	225 (1.2)	31 (3.9)	226 (1.9)	75 (3.3)	226 (1.4)	25 (3.3)	223 (2.8)
Pennsylvania†	76 (2.7)	222 (1.4)	24 (2.7)	218 (2.4)	81 (3.0)	216 (1.9)<	19 (3.0)	217 (3.4)
Rhode Island†	77 (2.4)	218 (1.7)	23 (2.4)	213 (3.7)	74 (3.3)	221 (1.5)	26 (3.3)	217 (2.7)
South Carolina	85 (2.4)	210 (1.5)	15 (2.4)	209 (3.3)	89 (2.1)	204 (1.6)<	11 (2.1)	202 (3.9)
Tennessee†	78 (3.0)	212 (1.7)	22 (3.0)	213 (2.5)	79 (3.5)	212 (2.1)	21 (3.5)	217 (3.3)
Texas	84 (2.5)	213 (1.7)	16 (2.5)	208 (3.8)	90 (2.1)	213 (1.9)	10 (2.1)	208 (7.3)!
Utah	77 (2.6)	221 (1.2)	23 (2.6)	219 (2.0)	77 (3.2)	218 (1.5)	23 (3.2)	215 (2.7)
Virginia	86 (2.1)	222 (1.6)	14 (2.1)	218 (3.0)	90 (2.3)	214 (1.6)<<	10 (2.3)	208 (4.6)!
Washington	--- (---)	--- (---)	--- (---)	--- (---)	78 (3.0)	214 (1.4)	22 (3.0)	210 (2.6)
West Virginia	67 (3.3)	216 (1.6)	33 (3.3)	214 (2.6)	86 (2.7)>>	214 (1.1)	14 (2.7)<<	205 (3.5)!
Wisconsin†	83 (2.3)	223 (1.1)	17 (2.3)	226 (2.6)	80 (3.3)	225 (1.4)	20 (3.3)	220 (2.5)
Wyoming	76 (3.4)	223 (1.3)	24 (3.4)	225 (2.3)	86 (2.6)>	221 (1.3)	14 (2.6)<	219 (3.4)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	73 (2.8)	218 (0.9)	27 (2.8)	216 (1.7)
Guam	74 (1.0)	182 (1.5)	26 (1.0)	184 (2.1)	84 (0.5)>>	180 (1.4)	16 (0.5)<<	182 (2.7)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

! Interpret with caution -- the nature of the sample does not allow accurate determination of the variability of this statistic. For this reason, statistical comparisons between the 1992 and 1994 assessments were not conducted.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 59

1992 and 1994 READING ASSESSMENT

POPULATION: **1992 and 1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
TEACHERS' REPORTS ON: **Their Training in Specific Reading Areas**

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

During the past five years, have you ever had training in the following area?	Reading Assessment							
NAEP assessment year...	1992				1994			
	Yes		No		Yes		No	
JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	75 (1.8)	216 (1.3)	25 (1.8)	217 (2.3)	67 (2.4)<	213 (1.5)	33 (2.4)>	215 (1.9)
Northeast	66 (4.2)	223 (5.5)	34 (4.2)	218 (4.1)	65 (4.3)	210 (2.3)	35 (4.3)	217 (4.4)
Southeast	79 (3.9)	211 (3.0)	21 (3.9)	213 (4.6)	72 (3.6)	208 (2.7)	28 (3.6)	209 (3.4)
Central	73 (3.7)	219 (1.6)	27 (3.7)	223 (4.3)	60 (6.8)	221 (4.3)	40 (6.8)	216 (3.3)
West	81 (2.7)	213 (1.7)	19 (2.7)	212 (3.9)	72 (3.7)<	213 (2.1)	28 (3.7)>	215 (3.8)
States								
Alabama	85 (2.4)	208 (2.0)	15 (2.4)	209 (3.2)	76 (3.4)<	208 (1.7)	24 (3.4)>	209 (2.8)
Arizona	70 (3.0)	209 (1.4)	30 (3.0)	211 (2.3)	69 (2.8)	206 (2.2)	31 (2.8)	206 (2.5)
Arkansas	72 (3.4)	210 (1.4)	28 (3.4)	213 (2.6)	63 (3.4)	208 (1.9)	37 (3.4)	211 (3.0)
California	76 (3.0)	204 (2.4)	24 (3.0)	194 (4.1)	74 (3.4)	198 (2.1)	26 (3.4)	198 (3.4)
Colorado	71 (3.0)	217 (1.4)	29 (3.0)	215 (2.2)	69 (2.9)	211 (1.5)<	31 (2.9)	221 (1.8)
Connecticut	73 (3.1)	223 (1.6)	27 (3.1)	220 (2.6)	67 (3.3)	224 (1.9)	33 (3.3)	220 (3.1)
Delaware†	72 (0.8)	212 (1.0)	28 (0.8)	216 (1.1)	72 (0.6)	209 (1.4)	28 (0.6)	201 (2.1)<<
Florida	87 (1.7)	209 (1.5)	13 (1.7)	211 (3.2)	74 (2.3)<<	204 (2.2)	26 (2.3)>>	207 (3.0)
Georgia	84 (2.1)	212 (1.8)	16 (2.1)	211 (2.8)	71 (2.9)<<	209 (3.1)	29 (2.9)>>	205 (2.7)
Hawaii	76 (2.7)	203 (2.1)	24 (2.7)	206 (2.5)	71 (2.3)	200 (1.8)	29 (2.3)	202 (2.8)
Indiana	59 (3.2)	219 (1.4)	41 (3.2)	223 (1.9)	49 (3.5)<	219 (2.1)	51 (3.5)>	221 (2.0)
Iowa	67 (3.3)	225 (1.3)	33 (3.3)	226 (1.7)	71 (3.5)	223 (1.7)	29 (3.5)	225 (2.1)
Kentucky	68 (3.3)	212 (1.5)	32 (3.3)	215 (2.1)	79 (2.9)>	211 (1.5)	21 (2.9)<	214 (3.4)
Louisiana	74 (2.9)	204 (1.4)	26 (2.9)	206 (2.4)	64 (3.3)<	198 (1.9)<	36 (3.3)>	196 (2.1)<
Maine†	67 (3.4)	227 (1.3)	33 (3.4)	227 (1.8)	64 (3.4)	229 (1.6)	36 (3.4)	229 (2.0)
Maryland	77 (2.4)	211 (1.8)	23 (2.4)	211 (3.1)	75 (2.7)	209 (2.0)	25 (2.7)	212 (2.6)
Massachusetts	57 (3.5)	226 (1.4)	43 (3.5)	226 (1.5)	55 (2.8)	224 (2.1)	45 (2.8)	223 (1.7)
Minnesota	69 (3.3)	222 (1.4)	31 (3.3)	219 (2.8)	63 (4.1)	219 (1.7)	37 (4.1)	217 (1.7)
Mississippi	81 (2.3)	199 (1.5)	19 (2.3)	203 (2.9)	72 (3.0)<	202 (2.0)	28 (3.0)>	203 (3.0)
Missouri	64 (3.7)	221 (1.6)	36 (3.7)	219 (2.0)	58 (3.3)	217 (2.0)	42 (3.3)	218 (2.0)
Montana†	--- (---)	--- (---)	--- (---)	--- (---)	75 (3.6)	221 (1.6)	25 (3.6)	227 (1.6)
Nebraska†	75 (4.0)	221 (1.3)	25 (4.0)	221 (2.3)	67 (4.0)	219 (2.1)	33 (4.0)	222 (1.9)
New Hampshire†	66 (3.4)	226 (1.3)	34 (3.4)	231 (2.1)	65 (2.8)	223 (1.8)	35 (2.8)	223 (2.6)<
New Jersey†	67 (3.0)	223 (1.7)	33 (3.0)	224 (2.6)	70 (2.9)	221 (1.7)	30 (2.9)	219 (3.3)
New Mexico	75 (2.9)	212 (1.5)	25 (2.9)	206 (3.9)	64 (3.2)<	204 (2.4)<	36 (3.2)>	206 (2.5)
New York†	68 (3.2)	213 (1.9)	32 (3.2)	218 (3.3)	68 (2.6)	209 (1.9)	32 (2.6)	217 (2.7)
North Carolina	72 (3.1)	212 (1.3)	28 (3.1)	211 (2.5)	69 (3.2)	213 (1.8)	31 (3.2)	217 (2.7)
North Dakota	61 (3.7)	224 (1.4)	39 (3.7)	228 (2.0)	54 (4.0)	226 (1.5)	46 (4.0)	225 (1.8)
Pennsylvania†	67 (3.0)	220 (1.7)	33 (3.0)	222 (2.2)	58 (4.9)	215 (2.9)	42 (4.9)	217 (2.0)
Rhode Island†	65 (2.9)	217 (2.0)	35 (2.9)	215 (2.5)	59 (3.6)	219 (1.8)	41 (3.6)	221 (1.9)
South Carolina	86 (2.4)	210 (1.3)	14 (2.4)	211 (3.9)	73 (3.0)<<	204 (1.7)<	27 (3.0)>>	203 (2.6)
Tennessee†	81 (2.7)	211 (1.8)	19 (2.7)	216 (2.6)	66 (4.2)<	211 (2.3)	34 (4.2)>	218 (2.5)
Texas	75 (3.1)	213 (1.9)	25 (3.1)	212 (3.0)	82 (2.6)	213 (2.1)	18 (2.6)	211 (3.6)
Utah	71 (2.4)	221 (1.3)	29 (2.4)	219 (1.6)	62 (3.5)<	217 (1.6)	38 (3.5)>	219 (2.0)
Virginia	85 (1.7)	221 (1.4)	15 (1.7)	220 (3.6)	78 (2.8)	213 (1.6)<<	22 (2.8)	218 (3.2)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	56 (3.1)	212 (1.8)	44 (3.1)	214 (1.9)
West Virginia	71 (3.3)	216 (1.7)	29 (3.3)	214 (1.8)	66 (3.8)	213 (1.5)	34 (3.8)	214 (1.9)
Wisconsin†	71 (2.7)	223 (1.1)	29 (2.7)	226 (1.7)	69 (3.2)	224 (1.5)	31 (3.2)	225 (1.6)
Wyoming	57 (3.4)	223 (1.6)	43 (3.4)	224 (1.3)	60 (2.7)	220 (1.7)	40 (2.7)	222 (1.4)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	47 (2.9)	218 (1.2)	53 (2.9)	217 (1.2)
Guam	72 (0.6)	184 (1.6)	28 (0.6)	178 (2.5)	73 (0.6)	181 (1.5)	27 (0.6)	179 (2.3)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 and/or 1994 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading* or Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

Chapter 6: Characteristics and Reading Behavior of Fourth-Grade Students

Overview

Students develop into readers within various contexts and situations. While it is critical that students have multiple reading experiences both inside and outside of school, past NAEP assessments and other research have demonstrated the importance and need for additional reading experiences outside of school in order to assist students in the development of habits and skills that are characteristic of lifelong readers/learners.[7]

Chapter 6 presents results about students' reading behaviors. The students who participated in the assessment were asked about how often they read and discuss their reading, the type of material they choose to read, their use of the library for reading enjoyment, and how much time they spend watching television.

---

[7] Campbell, J. R., Kapinus, B. A., & Beatty, A. S. (1995). *Interviewing Children about Literacy Experience* (Washington, DC: U.S. Department of Education).

Foertsch, M. (1992). *Reading in and Out of School: Factors Influencing the Literacy Achievement of American Students in Grade 4, 8, and 12, in 1988 and 1990* (Washington, DC: U.S. Department of Education).

Anderson, R. C., Wilson, P. T., & Fielding, L. G. (1988). "Growth in Reading and How Children Spent Their Time Outside of School," *Reading Research Quarterly, 23*, 285-303.

TABLE 60 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Read for Fun on Their Own Time**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you read for fun on your own time?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	43 (1.0)	221 (1.3)	32 (0.9)	217 (1.3)	12 (0.5)	208 (1.8)	13 (0.6)	198 (2.0)
Northeast	43 (2.6)	230 (4.4)	35 (2.4)	219 (3.8)	12 (1.1)	210 (5.2)	10 (1.2)	200 (4.7)
Southeast	40 (1.8)	214 (2.9)	32 (1.6)	213 (2.8)	14 (0.8)	207 (3.6)	14 (1.6)	200 (3.3)
Central	42 (1.7)	225 (1.8)	33 (1.6)	218 (2.2)	11 (0.9)	210 (3.6)	14 (1.2)	204 (3.4)
West	48 (2.2)	218 (2.0)	28 (2.0)	217 (2.2)	10 (1.0)	205 (2.8)	14 (1.0)	190 (3.9)
States								
Alabama	38 (1.2)	211 (2.3)	34 (1.1)	209 (1.8)	12 (0.7)	205 (2.5)	16 (0.7)	197 (2.2)
Arizona	40 (1.0)	216 (1.3)	33 (1.0)	210 (1.6)	11 (0.7)	203 (2.3)	16 (0.9)	198 (2.1)
Arkansas	39 (1.2)	216 (1.8)	34 (1.0)	212 (1.3)	12 (0.8)	205 (2.7)	16 (0.8)	199 (2.0)
California	45 (1.1)	211 (2.2)	32 (1.0)	200 (2.4)	11 (0.7)	195 (3.1)	12 (0.8)	190 (3.2)
Colorado	44 (1.0)	223 (1.2)	34 (0.9)	215 (1.4)	11 (0.6)	214 (2.1)	11 (0.6)	201 (1.9)
Connecticut	46 (1.1)	228 (1.7)	32 (0.8)	219 (1.6)	12 (0.7)	218 (2.4)	11 (0.6)	206 (2.7)
Delaware†	41 (1.2)	219 (1.4)	33 (1.1)	214 (1.6)	11 (0.8)	209 (2.6)	14 (0.8)	197 (2.1)
Florida	38 (1.2)	213 (1.6)	34 (1.1)	211 (1.8)	13 (0.7)	205 (1.9)	15 (0.9)	195 (2.3)
Georgia	44 (1.4)	218 (1.9)	32 (1.0)	214 (1.8)	11 (0.7)	205 (2.8)	13 (0.7)	197 (2.3)
Hawaii	42 (1.2)	209 (2.0)	35 (1.1)	203 (1.9)	11 (0.7)	201 (2.8)	12 (0.6)	192 (2.7)
Indiana	41 (1.3)	228 (1.7)	32 (1.1)	221 (1.3)	14 (0.6)	219 (2.2)	14 (0.7)	205 (2.0)
Iowa	50 (1.2)	232 (1.3)	30 (1.0)	224 (1.3)	10 (0.6)	217 (1.9)	10 (0.7)	209 (2.0)
Kentucky	38 (1.1)	218 (1.9)	33 (0.9)	214 (1.3)	13 (0.8)	212 (2.8)	17 (0.8)	201 (2.0)
Louisiana	38 (1.1)	207 (1.4)	35 (0.9)	205 (1.5)	11 (0.6)	205 (2.3)	15 (0.9)	193 (2.4)
Maine†	43 (1.5)	233 (1.4)	33 (1.2)	226 (1.3)	12 (0.7)	223 (1.8)	11 (1.0)	212 (2.1)
Maryland	42 (1.1)	220 (1.8)	35 (1.0)	210 (1.7)	12 (0.6)	206 (2.5)	11 (0.7)	193 (3.2)
Massachusetts	46 (1.2)	233 (1.1)	34 (1.1)	224 (0.9)	12 (0.7)	221 (2.3)	9 (0.7)	210 (2.1)
Minnesota	47 (1.3)	229 (1.1)	33 (1.1)	220 (1.4)	10 (0.6)	211 (2.9)	10 (0.8)	203 (2.6)
Mississippi	41 (1.1)	202 (1.7)	32 (0.9)	201 (1.9)	10 (0.7)	199 (2.4)	17 (1.0)	191 (2.2)
Missouri	43 (1.0)	225 (1.6)	32 (0.9)	221 (1.5)	11 (0.7)	219 (2.5)	13 (0.8)	204 (1.9)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	45 (1.1)	227 (1.4)	32 (0.9)	221 (1.4)	11 (0.8)	220 (2.1)	12 (0.8)	202 (2.6)
New Hampshire†	48 (1.6)	235 (1.2)	31 (1.2)	226 (1.5)	11 (0.7)	223 (2.5)	10 (0.8)	209 (2.5)
New Jersey†	39 (1.4)	230 (1.8)	36 (0.9)	223 (1.6)	14 (0.8)	219 (2.0)	11 (1.0)	202 (2.8)
New Mexico	41 (1.5)	217 (1.6)	33 (1.0)	211 (2.3)	11 (0.6)	213 (2.7)	15 (0.8)	194 (2.8)
New York†	44 (1.1)	219 (1.8)	34 (1.0)	215 (1.7)	13 (0.8)	213 (1.9)	10 (0.6)	200 (3.3)
North Carolina	46 (1.3)	218 (1.5)	31 (1.0)	211 (1.4)	10 (0.6)	207 (3.1)	13 (0.7)	197 (2.4)
North Dakota	43 (1.3)	232 (1.4)	33 (1.0)	225 (1.2)	13 (0.7)	220 (2.2)	11 (0.8)	211 (2.5)
Pennsylvania	43 (1.0)	226 (1.8)	35 (1.0)	220 (1.3)	12 (0.6)	219 (2.5)	9 (0.6)	205 (2.9)
Rhode Island	47 (1.3)	222 (2.3)	32 (1.1)	216 (1.6)	11 (0.8)	215 (2.6)	10 (0.7)	196 (3.2)
South Carolina	42 (1.1)	215 (1.6)	34 (0.9)	210 (1.5)	11 (0.6)	209 (2.5)	14 (0.8)	196 (2.0)
Tennessee	38 (1.1)	218 (1.9)	37 (1.1)	212 (1.7)	13 (0.8)	207 (2.7)	12 (0.9)	200 (2.4)
Texas	43 (1.1)	217 (2.0)	32 (1.1)	214 (1.7)	10 (0.6)	211 (2.5)	15 (0.9)	202 (2.0)
Utah	46 (1.1)	226 (1.4)	30 (0.7)	221 (1.5)	10 (0.7)	213 (2.2)	13 (0.7)	206 (2.1)
Virginia	46 (1.2)	226 (1.5)	31 (1.0)	222 (1.9)	12 (0.7)	215 (2.3)	11 (0.8)	204 (2.3)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	38 (1.1)	223 (1.8)	35 (1.0)	217 (1.4)	12 (0.7)	211 (2.0)	16 (0.9)	200 (1.9)
Wisconsin	46 (1.1)	231 (1.2)	34 (1.0)	221 (1.4)	10 (0.6)	216 (2.3)	10 (0.5)	205 (2.7)
Wyoming	49 (1.1)	229 (1.0)	30 (0.9)	223 (1.7)	9 (0.6)	215 (2.0)	12 (0.6)	206 (2.0)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	39 (1.0)	186 (1.8)	35 (1.0)	185 (1.7)	10 (0.6)	175 (3.1)	16 (0.8)	174 (3.3)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 60

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Read for Fun on Their Own Time**

THE NATION'S REPORT CARD naep
1992 1994
Reading Assessment

How often do you read for fun on your own time?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	45 (0.7)	221 (1.3)	31 (0.7)	212 (1.3)<	12 (0.5)	206 (2.3)	12 (0.4)	195 (2.0)
Northeast	45 (1.2)	220 (2.4)	32 (1.6)	213 (1.9)	12 (0.9)	206 (3.4)	10 (0.6)	191 (4.1)
Southeast	40 (1.3)	217 (2.8)	33 (0.8)	208 (2.7)	12 (0.9)	199 (3.8)	14 (0.8)	191 (3.3)
Central	46 (1.4)	227 (2.7)	30 (1.5)	216 (3.4)	12 (1.3)	211 (4.0)	12 (1.0)	201 (4.6)
West	46 (1.5)	220 (2.4)	30 (1.6)	211 (2.9)	12 (0.9)	207 (4.1)	12 (0.6)	196 (3.4)
States								
Alabama	41 (1.2)	213 (1.8)	33 (0.9)	208 (1.8)	12 (0.7)	212 (3.0)	14 (0.6)	192 (2.9)
Arizona	44 (1.2)	214 (2.2)	32 (1.1)	205 (2.2)	12 (0.7)	197 (3.3)	11 (0.7)<<	195 (3.0)
Arkansas	41 (1.1)	214 (2.0)	31 (0.9)	213 (2.1)	12 (0.7)	205 (3.2)	15 (0.9)	191 (2.7)
California	45 (1.3)	203 (2.3)<	33 (1.1)	197 (1.8)	10 (0.6)	193 (4.0)	12 (0.8)	187 (3.9)
Colorado	47 (1.1)>	221 (1.7)	33 (1.0)	212 (1.6)	10 (0.7)	211 (2.9)	10 (0.7)	193 (2.7)
Connecticut	48 (1.3)	232 (1.9)	31 (1.0)	218 (2.2)	11 (0.9)	215 (2.6)	10 (0.7)	204 (3.3)
Delaware	42 (1.1)	215 (1.5)	33 (0.8)	209 (2.1)	12 (0.8)	199 (4.4)	13 (0.8)	187 (2.4)<
Florida	41 (0.9)	211 (2.0)	35 (0.8)	205 (2.0)	12 (0.5)	203 (3.3)	11 (0.7)<	189 (2.9)
Georgia	45 (1.3)	214 (2.8)	32 (1.0)	207 (2.9)	11 (0.6)	201 (3.0)	12 (0.7)	190 (3.2)
Hawaii	42 (1.1)	207 (2.2)	35 (0.9)	203 (2.1)	13 (0.7)	193 (3.2)	10 (0.7)	187 (3.2)
Indiana	41 (1.1)	229 (1.5)	34 (0.9)	218 (1.8)	12 (0.7)	214 (2.3)	13 (0.8)	204 (2.4)
Iowa	50 (1.3)	231 (1.5)	30 (0.9)	220 (1.8)	10 (0.7)	213 (2.5)	10 (0.7)	202 (2.3)
Kentucky	40 (1.1)	219 (2.2)	34 (1.0)	212 (1.5)	13 (0.8)	211 (2.4)	13 (0.7)<	194 (2.4)
Louisiana	38 (1.3)	200 (1.7)<	34 (1.0)	196 (1.7)<<	12 (0.7)	201 (2.7)	16 (0.8)	190 (2.4)
Maine	46 (1.3)	236 (1.3)	31 (1.1)	225 (2.0)	13 (0.7)	220 (2.5)	10 (0.6)	216 (3.0)
Maryland	45 (1.3)	221 (1.8)	33 (0.9)	209 (1.6)	11 (0.6)	201 (3.4)	11 (0.7)	190 (3.1)
Massachusetts	46 (1.2)	230 (1.6)	33 (1.0)	220 (1.6)	13 (0.8)	217 (2.4)	8 (0.6)	208 (3.2)
Minnesota	48 (1.3)	228 (1.6)	32 (0.8)	216 (1.7)	10 (0.6)	210 (3.1)	10 (0.8)	191 (2.7)<
Mississippi	39 (0.9)	204 (2.0)	34 (1.0)	204 (1.9)	11 (0.8)	203 (3.0)	16 (0.9)	191 (2.6)
Missouri	44 (1.2)	224 (1.9)	34 (1.0)	218 (1.7)	10 (0.6)	213 (3.1)	11 (0.7)	197 (2.3)
Montana†	49 (1.2)	230 (1.4)	29 (0.9)	218 (1.7)	10 (0.7)	220 (2.9)	12 (0.7)	204 (2.6)
Nebraska†	46 (1.2)	228 (1.8)	33 (0.9)	219 (1.7)	11 (0.7)	214 (2.4)	10 (0.7)	201 (2.8)
New Hampshire†	47 (1.5)	233 (1.6)	32 (1.1)	220 (1.9)<	12 (0.8)	218 (2.2)	10 (0.8)	206 (3.6)
New Jersey	43 (1.1)	226 (1.6)	37 (1.1)	219 (1.7)	12 (0.8)	210 (2.5)<	8 (0.7)	207 (3.0)
New Mexico	44 (1.0)	209 (2.3)<	33 (0.8)	205 (1.5)	9 (0.6)	203 (3.6)	14 (0.9)	194 (2.5)
New York	49 (1.1)>	217 (1.9)	32 (1.1)	209 (1.9)	11 (0.6)	211 (3.3)	8 (0.7)	198 (3.1)
North Carolina	46 (1.1)	221 (2.0)	34 (1.0)	215 (1.6)	10 (0.6)	209 (2.4)	10 (0.6)<	193 (2.8)
North Dakota	47 (1.3)	231 (1.4)	32 (1.1)	224 (1.7)	10 (0.7)	220 (3.0)	11 (0.7)	209 (2.7)
Pennsylvania†	43 (1.1)	224 (2.0)	35 (1.1)	212 (1.9)<<	12 (0.9)	215 (2.5)	10 (0.5)	198 (3.3)
Rhode Island†	48 (0.9)	227 (1.7)	34 (0.8)	219 (1.3)	10 (0.6)	213 (2.6)	8 (0.5)	197 (3.5)
South Carolina	44 (1.1)	208 (1.9)<	34 (0.9)	203 (1.6)<	10 (0.5)	204 (2.7)	11 (0.7)	192 (2.7)
Tennessee†	39 (1.5)	218 (2.2)	35 (1.4)	214 (2.2)	12 (0.8)	207 (3.1)	14 (0.8)	198 (2.4)
Texas	42 (1.4)	218 (2.4)	35 (1.2)	213 (2.2)	11 (0.7)	210 (2.4)	12 (1.0)	200 (3.6)
Utah	47 (1.2)	223 (1.7)	31 (0.9)	218 (1.7)	9 (0.6)	211 (2.6)	13 (0.7)	203 (1.9)
Virginia	47 (1.4)	220 (1.9)<	32 (1.1)	214 (1.7)<	11 (0.6)	210 (3.0)	10 (0.9)	193 (2.4)<
Washington	48 (1.2)	222 (1.6)	31 (1.0)	208 (1.6)	11 (0.7)	206 (3.4)	10 (0.6)	193 (3.2)
West Virginia	39 (1.1)	220 (1.4)	35 (1.2)	213 (1.5)	13 (0.7)	209 (2.7)	13 (0.8)	199 (2.0)
Wisconsin†	49 (1.3)	230 (1.3)	30 (1.1)	223 (1.4)	11 (0.6)	221 (2.2)	10 (0.7)	204 (2.5)
Wyoming	51 (1.0)	227 (1.3)	28 (1.0)	221 (1.8)	9 (0.6)	211 (3.2)	12 (0.6)	205 (1.9)
Other Jurisdictions								
DoDEA Overseas	48 (0.9)	225 (1.2)	30 (1.0)	215 (1.4)	10 (0.7)	210 (2.4)	12 (0.8)	202 (2.0)
Guam	44 (1.3)>	187 (1.7)	32 (1.0)	182 (1.8)	10 (0.7)	175 (3.0)	14 (0.8)	170 (3.2)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 61 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Number of Books Read Outside School in the Past Month**

During the past month, how many books have you read outside of school?	**None**		**One or Two**		**Three or Four**		**Five or More**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	7 (0.4)	196 (2.6)	25 (0.8)	214 (1.6)	24 (0.7)	219 (1.6)	44 (1.0)	217 (1.3)
Northeast	6 (0.8)	*** (***)	23 (1.6)	219 (4.6)	27 (1.2)	223 (4.2)	43 (2.0)	222 (4.8)
Southeast	9 (0.9)	195 (4.3)	27 (1.7)	211 (3.1)	22 (1.2)	216 (3.7)	42 (2.2)	211 (2.5)
Central	8 (1.0)	201 (5.1)	25 (1.5)	217 (2.3)	25 (1.9)	219 (2.7)	43 (2.0)	221 (1.9)
West	6 (0.7)	188 (5.5)	26 (1.6)	209 (2.2)	21 (1.0)	215 (2.9)	47 (2.0)	215 (2.1)
States								
Alabama	11 (0.8)	196 (2.4)	28 (0.8)	202 (2.1)	22 (1.0)	211 (2.3)	40 (1.1)	212 (1.9)
Arizona	7 (0.5)	196 (2.7)	22 (0.9)	207 (2.4)	22 (0.8)	210 (1.8)	49 (1.3)	212 (1.3)
Arkansas	9 (0.6)	194 (2.5)	25 (1.0)	210 (1.6)	23 (0.9)	213 (2.0)	43 (1.1)	214 (1.5)
California	5 (0.7)	175 (4.6)	25 (1.0)	197 (2.7)	22 (0.9)	202 (2.4)	48 (1.1)	209 (2.1)
Colorado	6 (0.5)	201 (3.5)	28 (0.9)	215 (1.7)	23 (0.8)	221 (1.5)	43 (1.1)	218 (1.3)
Connecticut	5 (0.6)	197 (3.0)	24 (1.1)	220 (1.9)	24 (1.0)	225 (1.8)	47 (1.4)	224 (1.7)
Delaware†	6 (0.6)	188 (2.7)	22 (0.9)	212 (1.6)	20 (1.0)	214 (1.8)	52 (0.8)	216 (1.1)
Florida	7 (0.5)	191 (3.7)	25 (1.0)	207 (2.0)	23 (0.8)	212 (2.2)	46 (1.2)	210 (1.4)
Georgia	6 (0.4)	198 (3.2)	21 (0.9)	210 (2.0)	22 (0.9)	214 (2.0)	50 (1.2)	215 (1.7)
Hawaii	4 (0.4)	180 (3.8)	20 (0.9)	199 (2.6)	22 (0.9)	206 (2.0)	53 (1.3)	207 (1.9)
Indiana	8 (0.6)	207 (2.5)	27 (1.1)	220 (1.6)	22 (0.7)	222 (1.7)	43 (1.3)	224 (1.6)
Iowa	5 (0.5)	207 (3.3)	28 (1.3)	223 (1.2)	24 (1.0)	229 (1.6)	43 (1.3)	227 (1.4)
Kentucky	10 (0.6)	199 (2.0)	28 (1.1)	212 (1.8)	21 (0.8)	216 (2.0)	41 (1.3)	215 (1.6)
Louisiana	10 (0.7)	191 (2.2)	24 (1.2)	202 (1.9)	20 (0.7)	205 (2.0)	46 (1.5)	207 (1.4)
Maine†	8 (0.7)	210 (3.2)	26 (0.9)	225 (1.8)	21 (0.9)	228 (1.6)	45 (1.0)	230 (1.5)
Maryland	6 (0.5)	189 (3.9)	22 (1.0)	207 (1.8)	22 (0.9)	213 (2.2)	50 (1.3)	216 (1.6)
Massachusetts	5 (0.4)	210 (3.2)	25 (1.1)	223 (1.7)	26 (0.9)	228 (1.4)	44 (1.4)	229 (1.3)
Minnesota	5 (0.5)	203 (3.0)	22 (1.0)	219 (1.9)	24 (0.8)	224 (1.6)	49 (1.3)	222 (1.4)
Mississippi	11 (0.7)	186 (2.6)	26 (0.9)	197 (1.9)	21 (0.7)	201 (1.8)	42 (1.1)	203 (1.6)
Missouri	6 (0.5)	206 (2.8)	22 (0.9)	217 (1.8)	24 (0.9)	224 (1.9)	47 (1.1)	221 (1.3)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	6 (0.6)	205 (3.7)	26 (1.2)	221 (1.9)	25 (1.0)	223 (1.5)	44 (1.4)	223 (1.5)
New Hampshire†	7 (0.7)	213 (3.5)	27 (1.1)	225 (1.7)	24 (0.8)	229 (1.8)	43 (1.5)	232 (1.3)
New Jersey†	6 (0.6)	198 (3.8)	24 (1.1)	219 (2.1)	25 (1.0)	228 (2.0)	44 (1.5)	226 (1.5)
New Mexico	8 (0.6)	196 (3.5)	27 (1.2)	208 (2.2)	23 (0.9)	213 (2.2)	42 (1.3)	214 (2.1)
New York†	6 (0.5)	189 (4.3)	25 (1.0)	212 (2.3)	22 (0.9)	216 (2.5)	47 (1.4)	219 (1.3)
North Carolina	8 (0.6)	192 (3.2)	20 (0.8)	208 (2.1)	22 (0.8)	215 (1.9)	51 (1.1)	215 (1.4)
North Dakota	6 (0.5)	215 (2.6)	27 (1.0)	224 (1.5)	24 (1.0)	227 (1.9)	43 (1.2)	228 (1.4)
Pennsylvania	6 (0.6)	204 (2.9)	25 (0.7)	221 (2.0)	25 (0.8)	224 (1.8)	44 (1.2)	222 (1.5)
Rhode Island	5 (0.4)	199 (3.0)	24 (1.0)	210 (2.4)	23 (0.9)	220 (2.2)	48 (1.2)	220 (1.9)
South Carolina	9 (0.6)	195 (2.4)	25 (0.9)	208 (1.7)	21 (0.9)	209 (2.4)	45 (1.2)	214 (1.7)
Tennessee	8 (0.6)	199 (2.9)	27 (0.9)	210 (2.1)	24 (0.9)	211 (1.8)	41 (1.1)	217 (1.6)
Texas	8 (0.7)	198 (3.5)	24 (0.9)	212 (2.4)	21 (1.0)	216 (2.2)	47 (1.5)	214 (1.5)
Utah	6 (0.4)	207 (3.8)	29 (1.0)	222 (1.5)	21 (0.7)	219 (1.8)	45 (1.2)	222 (1.5)
Virginia	6 (0.6)	203 (2.8)	24 (1.0)	220 (2.0)	23 (0.9)	224 (1.6)	47 (1.4)	222 (1.6)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	10 (0.7)	198 (2.6)	25 (0.8)	213 (2.0)	24 (0.8)	218 (2.1)	41 (1.1)	220 (1.4)
Wisconsin	6 (0.5)	207 (3.7)	22 (0.8)	221 (1.4)	25 (0.9)	225 (1.5)	46 (1.0)	226 (1.3)
Wyoming	7 (0.5)	210 (2.3)	27 (1.0)	221 (1.5)	21 (0.7)	225 (1.3)	45 (1.0)	225 (1.4)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	13 (0.7)	169 (3.0)	27 (1.0)	170 (2.1)	20 (0.9)	183 (2.4)	39 (1.1)	196 (1.8)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

*** Sample size in the 1992 or 1994 assessment is insufficient to permit a reliable estimate.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 61

1994 READING ASSESSMENT

POPULATION: 1994 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
STUDENTS' REPORTS ON: Number of Books Read Outside School Past in the Past Month

During the past month, how many books have you read outside of school?	None		One or Two		Three or Four		Five or More	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	9 (0.6)	192 (2.5)	26 (0.8)	211 (1.5)	23 (0.6)	216 (1.8)	42 (0.8)	215 (1.4)
Northeast	8 (0.7)	192 (4.5)	26 (1.7)	211 (3.0)	23 (0.8)<	218 (3.3)	43 (1.8)	213 (2.2)
Southeast	11 (1.7)	192 (3.9)	25 (1.4)	208 (3.5)	22 (0.9)	212 (2.9)	42 (1.9)	210 (2.7)
Central	8 (1.0)	194 (6.7)	29 (1.9)	216 (2.1)	23 (1.8)	222 (4.3)	40 (1.4)	223 (3.1)
West	7 (0.7)	190 (5.8)	25 (1.4)	210 (3.5)	25 (0.8)>	213 (3.4)	43 (1.4)	216 (2.5)
States								
Alabama	11 (0.7)	195 (2.6)	29 (1.0)	209 (2.5)	24 (0.9)	212 (2.1)	36 (1.4)	209 (2.0)
Arizona	6 (0.5)	192 (5.3)	26 (1.0)>	207 (2.6)	22 (0.9)	206 (2.9)	46 (1.3)	208 (2.1)
Arkansas	11 (0.7)>	189 (3.3)	28 (1.1)	210 (2.3)	21 (0.8)	213 (1.9)	39 (1.2)<	211 (1.8)
California	6 (0.5)	184 (5.1)	28 (1.2)	194 (2.5)	24 (0.9)	198 (2.8)	42 (1.4)<	201 (2.4)<
Colorado	6 (0.4)	195 (3.9)	28 (1.2)	212 (1.6)	23 (0.9)	218 (1.8)	43 (1.3)	215 (1.8)
Connecticut	6 (0.5)	201 (4.2)	26 (1.0)	221 (2.3)	26 (1.0)	224 (2.0)	42 (1.2)<	226 (1.8)
Delaware	8 (0.7)	181 (3.4)	25 (0.8)>	204 (3.1)	21 (1.1)	210 (2.7)	46 (1.2)<<	211 (1.4)<
Florida	7 (0.6)	186 (3.6)	25 (0.9)	202 (2.4)	26 (0.9)>	210 (2.2)	42 (1.2)	207 (2.1)
Georgia	8 (0.6)	191 (4.6)	25 (0.9)>	205 (3.4)	23 (0.9)	207 (3.3)	44 (1.3)<	211 (2.1)
Hawaii	4 (0.4)	180 (4.7)	22 (1.0)	198 (2.4)	24 (0.9)	205 (2.1)	50 (1.3)	203 (2.0)
Indiana	9 (0.6)	202 (2.6)	29 (1.2)	216 (1.8)	24 (0.9)	226 (2.1)	39 (1.2)	223 (1.5)
Iowa	7 (0.6)	207 (3.0)	29 (1.1)	220 (1.4)	25 (0.9)	223 (1.6)<	39 (1.5)	228 (1.7)
Kentucky	9 (0.7)	196 (2.7)	29 (1.0)	211 (2.3)	24 (0.9)	215 (2.5)	38 (1.2)	214 (1.8)
Louisiana	11 (0.7)	185 (2.4)	27 (0.9)	198 (2.1)	23 (1.0)>	200 (2.2)	38 (1.3)<<	198 (2.1)<<
Maine	8 (0.6)	213 (2.4)	30 (1.0)>	225 (1.8)	23 (1.0)	234 (1.9)	39 (1.3)<	232 (1.7)
Maryland	6 (0.6)	180 (4.2)	25 (0.9)	208 (2.2)	25 (1.0)	214 (2.0)	45 (1.5)<	214 (1.7)
Massachusetts	6 (0.5)	203 (3.6)	30 (1.0)>	222 (2.0)	26 (0.8)	226 (1.9)	39 (1.1)<	225 (1.7)
Minnesota	5 (0.5)	192 (4.1)	23 (1.1)	214 (2.0)	26 (1.0)	222 (2.2)	45 (1.7)	222 (1.7)
Mississippi	9 (0.6)	188 (3.3)	28 (1.1)	203 (2.1)	23 (0.9)	204 (2.4)	39 (1.4)	203 (2.1)
Missouri	7 (0.6)	192 (3.1)<	22 (1.1)	218 (1.9)	25 (1.0)	219 (2.3)	46 (1.5)	220 (1.9)
Montana†	6 (0.5)	205 (3.0)	31 (0.9)	221 (1.7)	24 (0.8)	225 (1.6)	38 (1.2)	225 (2.0)
Nebraska†	6 (0.7)	192 (4.4)	30 (1.0)>	221 (1.9)	26 (1.0)	223 (2.2)	38 (1.3)<	223 (1.9)
New Hampshire†	6 (0.6)	201 (4.4)	31 (1.3)	223 (2.1)	25 (1.2)	224 (1.3)	37 (1.2)<	228 (1.9)
New Jersey	6 (0.5)	201 (3.9)	26 (1.0)	214 (2.2)	29 (1.0)>	222 (1.6)<	39 (1.2)<	224 (1.6)
New Mexico	8 (0.7)	189 (3.2)	26 (0.9)	203 (2.2)	23 (0.9)	207 (2.2)	42 (1.3)	208 (2.2)
New York	6 (0.6)	194 (3.8)	23 (0.9)	208 (2.4)	26 (1.1)>	215 (1.8)	46 (1.4)	214 (2.1)
North Carolina	6 (0.5)<	192 (4.1)	21 (1.0)	214 (2.4)	24 (0.8)	220 (1.7)	49 (1.1)	215 (1.8)
North Dakota	6 (0.5)	211 (3.3)	27 (1.1)	222 (1.9)	24 (0.9)	228 (1.6)	43 (1.2)	228 (1.6)
Pennsylvania†	8 (0.5)>	198 (3.3)	29 (1.1)>	215 (2.1)	28 (0.8)>	220 (2.2)	35 (1.1)<<	217 (2.1)
Rhode Island†	5 (0.6)	198 (4.4)	24 (0.9)	215 (2.2)	26 (1.0)	221 (2.0)	45 (1.1)	225 (2.0)
South Carolina	8 (0.7)	190 (3.5)	23 (1.2)	206 (2.2)	23 (0.9)	206 (2.0)	45 (1.3)	204 (1.4)<<
Tennessee†	9 (0.9)	201 (3.7)	29 (1.3)	208 (2.4)	27 (1.1)	217 (2.3)	36 (1.3)<	216 (2.2)
Texas	8 (0.6)	197 (3.9)	26 (1.0)	209 (2.2)	24 (0.8)	215 (3.3)	43 (1.3)	217 (2.0)
Utah	8 (0.6)>	200 (2.8)	32 (0.9)>	217 (1.8)	24 (0.8)>	222 (1.8)	36 (0.9)<<	219 (1.6)
Virginia	6 (0.5)	196 (3.6)	25 (0.9)	212 (1.9)<	24 (1.0)	218 (2.5)	46 (1.5)	214 (1.6)<
Washington	7 (0.5)	191 (4.0)	31 (0.9)	211 (1.7)	23 (0.9)	215 (1.9)	39 (0.9)	217 (1.8)
West Virginia	11 (0.8)	199 (2.5)	29 (1.1)	212 (1.9)	23 (0.9)	215 (1.8)	38 (1.1)	217 (1.4)
Wisconsin†	6 (0.5)	208 (3.3)	27 (1.1)>	221 (1.7)	25 (1.1)	227 (1.9)	43 (1.2)	227 (1.4)
Wyoming	6 (0.5)	209 (2.6)	29 (1.1)	219 (1.8)	23 (0.9)	227 (1.7)	42 (1.1)	221 (1.5)
Other Jurisdictions								
DoDEA Overseas	6 (0.4)	201 (2.4)	22 (0.8)	215 (1.8)	21 (0.9)	219 (1.8)	51 (1.2)	220 (1.5)
Guam	11 (0.6)	161 (3.3)	21 (0.7)<<	175 (1.6)	22 (0.9)	178 (2.0)	46 (1.1)>>	191 (1.6)

(continued on next page)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 62

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Take Books Out of School/Public Library**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you take books out of the school/public library for your own enjoyment?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	15 (0.6)	211 (1.7)	48 (0.9)	219 (1.2)	22 (0.8)	219 (1.4)	15 (0.7)	202 (1.8)
Northeast	14 (1.6)	215 (4.9)	53 (1.8)	223 (4.0)	22 (2.0)	226 (4.7)	12 (1.9)	206 (4.0)
Southeast	16 (1.0)	204 (3.4)	45 (1.9)	214 (2.9)	21 (1.9)	217 (3.8)	19 (1.3)	201 (3.6)
Central	14 (1.1)	216 (3.6)	52 (1.6)	223 (1.7)	21 (1.3)	219 (2.0)	14 (1.2)	204 (4.3)
West	15 (1.2)	211 (2.3)	45 (1.6)	216 (2.1)	24 (1.5)	216 (2.3)	16 (1.1)	200 (2.4)
States								
Alabama	15 (0.8)	202 (2.3)	50 (1.3)	214 (1.7)	17 (1.0)	207 (3.0)	19 (1.2)	194 (2.0)
Arizona	15 (0.7)	205 (2.4)	46 (1.0)	214 (1.4)	23 (0.8)	212 (1.4)	17 (1.1)	199 (2.5)
Arkansas	17 (0.7)	206 (1.7)	50 (1.3)	217 (1.4)	14 (0.8)	210 (2.1)	19 (0.8)	200 (1.9)
California	16 (0.9)	197 (3.4)	43 (1.2)	210 (2.1)	22 (1.1)	203 (2.8)	19 (0.9)	194 (2.7)
Colorado	15 (0.9)	214 (1.8)	47 (1.1)	220 (1.4)	24 (0.8)	219 (1.5)	14 (0.8)	204 (1.9)
Connecticut	14 (0.8)	213 (2.4)	49 (1.1)	226 (1.3)	23 (1.2)	226 (1.5)	14 (0.8)	208 (3.0)
Delaware†	15 (0.7)	206 (2.3)	49 (1.0)	218 (1.0)	19 (1.1)	220 (1.7)	18 (0.8)	202 (2.2)
Florida	15 (0.8)	202 (2.9)	45 (1.1)	212 (1.3)	24 (0.8)	213 (1.8)	16 (0.8)	198 (2.6)
Georgia	18 (0.7)	208 (2.0)	44 (1.2)	218 (1.7)	23 (0.8)	214 (2.3)	15 (0.8)	200 (2.4)
Hawaii	18 (1.0)	196 (2.3)	44 (0.9)	207 (2.0)	24 (0.9)	208 (2.3)	14 (0.8)	196 (2.7)
Indiana	13 (0.7)	217 (2.6)	54 (1.0)	226 (1.3)	19 (0.7)	222 (1.8)	14 (0.7)	206 (2.2)
Iowa	17 (1.0)	223 (1.7)	49 (1.0)	230 (1.1)	22 (0.9)	227 (1.6)	12 (0.7)	208 (2.5)
Kentucky	16 (0.9)	210 (2.0)	49 (1.3)	217 (1.3)	17 (0.9)	215 (2.6)	17 (0.8)	201 (2.4)
Louisiana	14 (0.7)	197 (2.1)	47 (1.1)	208 (1.3)	21 (0.8)	208 (1.9)	18 (1.0)	195 (2.0)
Maine†	12 (0.9)	222 (2.0)	57 (1.6)	230 (1.4)	18 (0.8)	227 (2.2)	14 (1.0)	218 (2.0)
Maryland	16 (0.8)	208 (2.5)	46 (1.1)	216 (1.5)	25 (0.8)	214 (1.9)	13 (0.9)	199 (3.7)
Massachusetts	11 (0.7)	221 (2.2)	48 (1.6)	230 (1.4)	27 (1.3)	229 (1.4)	14 (0.9)	214 (2.2)
Minnesota	15 (0.8)	217 (2.6)	54 (1.1)	225 (1.3)	21 (0.9)	222 (1.7)	11 (0.7)	207 (2.7)
Mississippi	15 (0.8)	194 (2.3)	46 (1.0)	204 (1.5)	17 (1.0)	202 (2.4)	22 (0.9)	191 (2.3)
Missouri	14 (0.8)	214 (2.1)	51 (1.4)	224 (1.2)	19 (1.0)	224 (2.1)	15 (0.9)	207 (2.0)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	15 (0.7)	220 (1.8)	51 (1.2)	225 (1.2)	21 (1.0)	223 (2.2)	13 (0.6)	206 (2.2)
New Hampshire†	12 (0.8)	226 (2.2)	50 (1.3)	230 (1.6)	23 (1.1)	230 (1.6)	16 (0.9)	220 (1.9)
New Jersey†	12 (0.9)	215 (2.4)	51 (1.5)	227 (1.2)	23 (1.1)	228 (2.4)	13 (1.1)	208 (3.1)
New Mexico	13 (0.8)	205 (2.5)	47 (1.5)	214 (1.9)	22 (1.3)	216 (1.9)	17 (0.8)	201 (2.6)
New York†	17 (1.1)	207 (2.5)	47 (1.2)	219 (1.7)	22 (1.3)	218 (1.8)	13 (0.8)	205 (3.1)
North Carolina	17 (0.7)	206 (2.3)	50 (1.2)	218 (1.3)	20 (0.8)	213 (1.9)	14 (0.7)	197 (2.2)
North Dakota	13 (0.9)	221 (2.3)	54 (1.2)	230 (1.3)	20 (1.0)	227 (1.4)	13 (0.8)	213 (2.7)
Pennsylvania	15 (0.7)	216 (2.4)	55 (1.2)	224 (1.3)	18 (0.8)	223 (1.9)	12 (0.7)	209 (2.6)
Rhode Island	14 (0.8)	210 (2.8)	47 (1.4)	220 (1.9)	25 (1.0)	220 (2.4)	15 (0.9)	209 (2.6)
South Carolina	17 (0.8)	205 (1.8)	49 (1.2)	215 (1.7)	19 (0.9)	212 (1.7)	15 (0.8)	197 (2.5)
Tennessee	15 (0.9)	209 (2.2)	53 (1.1)	216 (1.7)	17 (0.8)	212 (2.2)	15 (0.8)	202 (2.1)
Texas	14 (0.8)	208 (2.2)	51 (1.0)	216 (1.7)	20 (0.9)	218 (1.9)	16 (0.8)	201 (2.5)
Utah	12 (0.8)	217 (2.3)	47 (1.2)	224 (1.3)	26 (1.0)	223 (1.6)	15 (0.9)	209 (2.1)
Virginia	17 (0.8)	216 (2.1)	51 (1.2)	225 (1.4)	19 (1.0)	224 (2.1)	13 (0.8)	209 (2.4)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	14 (0.6)	210 (2.0)	43 (1.5)	221 (1.6)	23 (1.0)	216 (1.9)	20 (1.3)	207 (2.1)
Wisconsin	17 (0.7)	219 (2.1)	51 (1.2)	228 (1.1)	21 (1.0)	224 (1.3)	11 (0.8)	210 (2.4)
Wyoming	15 (0.7)	219 (1.7)	49 (1.1)	227 (1.2)	21 (0.9)	226 (1.5)	15 (0.8)	213 (2.2)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	18 (1.0)	174 (2.8)	45 (1.0)	193 (1.8)	15 (0.8)	177 (2.4)	22 (0.9)	175 (2.0)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 62 — 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Take Books Out of School/Public Library**

How often do you take books out of the school/public library for your own enjoyment?	Almost Every Day		Once or Twice a Week		Once or Twice a Month		Never or Hardly Ever	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	16 (0.5)	207 (1.9)	47 (0.8)	220 (1.2)	21 (0.8)	215 (1.7)	16 (0.7)	198 (2.2)
Northeast	16 (1.1)	204 (3.2)	46 (1.6)<	220 (2.6)	21 (1.5)	217 (2.6)	16 (1.1)	198 (5.0)
Southeast	15 (1.1)	203 (4.2)	47 (1.6)	215 (2.5)	22 (1.6)	209 (2.7)	17 (1.0)	196 (3.3)
Central	17 (1.2)	214 (4.8)	48 (1.7)	226 (2.7)	20 (0.8)	218 (3.6)	14 (1.5)	200 (4.4)
West	16 (0.8)	205 (3.0)	47 (1.3)	220 (1.8)	21 (1.8)	216 (3.5)	17 (1.6)	199 (4.3)
States								
Alabama	14 (0.8)	198 (2.9)	53 (1.7)	214 (1.6)	18 (1.1)	215 (2.2)	16 (1.2)	192 (2.5)
Arizona	17 (0.8)	197 (3.4)	47 (1.3)	213 (1.8)	22 (1.0)	211 (2.3)	14 (0.7)	190 (3.7)
Arkansas	16 (0.8)	200 (3.1)	52 (1.3)	217 (1.7)	16 (0.9)	209 (2.5)	16 (0.7)<	193 (2.4)
California	15 (1.0)	188 (3.7)	47 (1.4)	203 (1.9)	22 (1.1)	203 (2.5)	16 (0.9)	188 (3.3)
Colorado	15 (0.8)	208 (2.9)	47 (1.1)	218 (1.4)	24 (1.0)	219 (1.9)	14 (0.8)	202 (2.3)
Connecticut	11 (0.8)<	214 (3.5)	54 (1.1)>	228 (1.5)	21 (0.7)	227 (1.8)	13 (0.8)	205 (3.2)
Delaware	17 (0.9)	202 (2.2)	51 (1.2)	213 (1.4)<	16 (0.9)	213 (2.5)	16 (0.9)	190 (2.8)<
Florida	17 (0.8)	199 (2.9)	46 (1.3)	211 (2.1)	23 (0.9)	209 (2.1)	14 (0.9)	191 (3.1)
Georgia	18 (1.0)	200 (3.3)	45 (1.3)	212 (2.4)	22 (1.3)	216 (3.3)	14 (0.8)	192 (3.4)
Hawaii	18 (0.8)	189 (2.8)	46 (1.0)	209 (1.8)	22 (0.9)	206 (2.0)	15 (0.6)	190 (2.6)
Indiana	16 (0.7)>	213 (2.1)	54 (1.1)	226 (1.5)	18 (0.9)	219 (2.0)	12 (0.8)	205 (2.5)
Iowa	16 (0.9)	222 (2.0)	50 (1.4)	228 (1.4)	21 (1.0)	223 (1.9)	13 (0.8)	208 (2.2)
Kentucky	16 (0.9)	206 (2.1)	53 (1.3)	219 (1.9)	17 (0.8)	210 (2.1)	13 (0.8)<	195 (2.7)
Louisiana	16 (0.8)	193 (2.1)	47 (1.3)	203 (1.6)	19 (0.9)	196 (2.5)<<	18 (0.8)	187 (2.6)
Maine	9 (0.6)	224 (2.7)	58 (1.9)	231 (1.3)	21 (1.3)	231 (2.3)	12 (1.0)	217 (2.1)
Maryland	16 (0.9)	207 (2.5)	49 (1.0)	215 (1.6)	23 (1.1)	218 (2.3)	12 (0.7)	190 (3.1)
Massachusetts	12 (0.7)	216 (2.6)	52 (1.3)	226 (1.2)	23 (1.0)	228 (2.4)	13 (0.9)	211 (3.2)
Minnesota	15 (1.1)	218 (2.2)	55 (1.1)	223 (1.4)	20 (1.2)	218 (2.2)	10 (0.6)	203 (3.3)
Mississippi	16 (0.6)	193 (1.9)	48 (1.1)	207 (1.7)	18 (0.9)	210 (2.5)	18 (0.9)<	190 (2.5)
Missouri	15 (0.7)	210 (2.2)	52 (1.1)	225 (1.5)	19 (0.8)	215 (2.4)<	13 (0.9)	201 (2.3)
Montana†	13 (0.7)	225 (2.1)	53 (1.0)	228 (1.4)	19 (1.0)	219 (2.3)	14 (0.6)	208 (2.9)
Nebraska†	15 (0.8)	217 (2.3)	51 (1.3)	226 (1.6)	20 (0.9)	221 (2.0)	14 (0.9)	206 (2.7)
New Hampshire†	12 (0.8)	219 (2.9)	52 (1.4)	229 (1.6)	21 (1.2)	223 (2.3)	14 (1.2)	213 (2.7)
New Jersey	11 (0.8)	210 (2.7)	54 (1.4)	224 (1.3)	22 (0.9)	222 (1.9)	12 (0.9)	207 (3.0)
New Mexico	15 (0.6)	195 (3.2)<	48 (1.1)	211 (1.9)	20 (0.8)	207 (2.2)<	18 (0.9)	195 (2.6)
New York	17 (1.0)	204 (2.7)	47 (1.4)	218 (1.7)	22 (1.2)	214 (2.1)	14 (1.1)	202 (2.6)
North Carolina	17 (0.8)	207 (2.4)	55 (1.1)>	221 (1.9)	18 (0.8)	217 (2.2)	10 (0.6)<	196 (3.2)
North Dakota	13 (0.8)	221 (2.3)	55 (1.5)	230 (1.1)	18 (1.0)	224 (1.7)	13 (1.0)	213 (3.4)
Pennsylvania†	12 (0.7)	206 (3.2)<	57 (1.3)	222 (1.5)	18 (1.0)	215 (2.5)	13 (0.9)	203 (2.9)
Rhode Island†	14 (0.8)	216 (1.9)	52 (1.0)>	225 (1.6)	22 (0.9)	221 (2.2)	11 (0.8)<	204 (2.8)
South Carolina	19 (0.9)	200 (2.7)	50 (1.0)	209 (1.6)<	17 (0.7)	206 (2.3)	14 (0.7)	188 (2.2)<
Tennessee†	14 (1.0)	204 (3.7)	53 (1.4)	218 (1.8)	17 (0.9)	215 (2.5)	16 (1.2)	201 (3.3)
Texas	15 (0.8)	206 (3.2)	52 (1.3)	218 (2.0)	19 (1.1)	214 (2.9)	13 (0.7)<	202 (3.4)
Utah	13 (0.8)	212 (2.5)	46 (1.2)	222 (1.6)	26 (1.0)	221 (1.8)	14 (0.7)	205 (2.0)
Virginia	19 (1.1)	209 (2.1)	49 (1.2)	218 (1.6)<	21 (1.2)	218 (2.4)	12 (0.8)	200 (2.7)<
Washington	16 (0.7)	209 (2.2)	49 (1.1)	219 (1.8)	21 (0.9)	212 (1.9)	14 (0.7)	202 (2.2)
West Virginia	14 (0.9)	211 (2.6)	45 (1.7)	217 (1.7)	23 (1.3)	218 (1.8)	19 (1.3)	202 (1.6)
Wisconsin†	17 (0.8)	221 (2.1)	54 (1.3)	227 (1.3)	18 (0.9)	227 (1.7)	11 (0.6)	215 (2.3)
Wyoming	15 (0.7)	218 (1.9)	50 (1.2)	227 (1.3)	21 (0.8)	219 (2.3)	14 (0.7)	210 (2.1)
Other Jurisdictions								
DoDEA Overseas	19 (0.9)	215 (1.7)	47 (1.0)	222 (1.3)	21 (0.8)	219 (1.8)	13 (0.7)	208 (2.5)
Guam	21 (0.8)>	177 (2.2)	44 (1.1)	191 (1.5)	16 (0.8)	180 (3.3)	19 (0.8)<	171 (3.1)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

TABLE 63 — 1992 READING ASSESSMENT

THE NATION'S REPORT CARD naep
1992
1994
Reading Assessment

POPULATION: 1992 Grade 4 Public School Students
REPORTED STATISTICS: Percentage of Students and Average Reading Proficiency
STUDENTS' REPORTS ON: Types of Reading Materials in Their Homes

How many types of reading materials (newspapers, magazines, encyclopedias, or 25 or more books) are there in your home?	Zero to Two Types		Three Types		Four Types	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation						
Nation	33 (0.9)	203 (0.9)	32 (0.7)	217 (1.5)	36 (1.0)	224 (1.4)
Northeast	31 (2.0)	206 (3.8)	32 (1.5)	222 (4.3)	37 (2.0)	230 (4.8)
Southeast	37 (2.0)	203 (2.1)	30 (1.5)	212 (3.4)	32 (2.4)	219 (3.2)
Central	29 (2.3)	206 (2.1)	33 (1.3)	220 (1.9)	38 (2.0)	226 (2.4)
West	33 (1.4)	198 (1.8)	32 (1.2)	216 (2.2)	35 (2.1)	222 (1.9)
States						
Alabama	38 (1.3)	197 (2.0)	34 (0.9)	209 (1.9)	28 (1.2)	219 (1.7)
Arizona	40 (1.5)	201 (1.6)	33 (1.1)	211 (1.4)	27 (1.1)	220 (1.5)
Arkansas	37 (1.2)	202 (1.6)	32 (0.9)	213 (1.6)	31 (1.3)	220 (1.7)
California	39 (1.4)	187 (2.2)	31 (1.0)	207 (2.8)	30 (1.3)	219 (2.1)
Colorado	28 (1.0)	206 (1.5)	36 (0.9)	217 (1.6)	36 (1.2)	224 (1.2)
Connecticut	25 (1.0)	207 (2.4)	32 (0.9)	222 (1.6)	43 (1.3)	231 (1.3)
Delaware†	32 (1.2)	202 (1.2)	35 (1.1)	215 (1.2)	33 (1.3)	222 (1.3)
Florida	38 (1.5)	199 (2.0)	34 (1.0)	210 (1.5)	29 (1.3)	220 (1.3)
Georgia	34 (1.2)	202 (1.8)	35 (1.0)	212 (1.7)	31 (1.2)	224 (1.8)
Hawaii	41 (1.7)	195 (2.1)	34 (1.0)	207 (1.8)	25 (1.2)	214 (1.8)
Indiana	28 (1.3)	211 (1.8)	34 (1.1)	221 (1.6)	37 (1.3)	229 (1.4)
Iowa	25 (1.2)	215 (1.9)	34 (0.9)	225 (1.3)	41 (1.3)	232 (1.0)
Kentucky	34 (1.2)	205 (1.3)	35 (0.8)	215 (1.5)	31 (1.2)	220 (2.2)
Louisiana	38 (1.4)	197 (1.6)	33 (0.9)	205 (1.4)	29 (1.2)	212 (1.6)
Maine†	27 (1.2)	219 (1.8)	37 (1.3)	229 (1.5)	36 (1.2)	231 (1.3)
Maryland	30 (1.4)	198 (2.6)	35 (1.0)	214 (1.7)	35 (1.2)	221 (1.7)
Massachusetts	25 (1.0)	214 (1.8)	33 (1.0)	228 (1.4)	42 (1.2)	232 (1.0)
Minnesota	21 (1.2)	211 (2.2)	35 (1.0)	221 (1.4)	44 (1.3)	226 (1.2)
Mississippi	42 (1.4)	190 (1.6)	32 (0.9)	202 (1.9)	25 (1.2)	210 (2.0)
Missouri	29 (1.2)	209 (1.8)	35 (1.0)	221 (1.4)	36 (1.3)	228 (1.6)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	26 (1.2)	210 (1.6)	33 (0.8)	224 (1.4)	41 (1.3)	227 (1.2)
New Hampshire†	20 (1.2)	220 (2.1)	34 (1.0)	224 (1.6)	46 (1.6)	234 (1.3)
New Jersey†	25 (1.2)	207 (1.8)	33 (1.0)	223 (1.6)	42 (1.4)	233 (1.8)
New Mexico	41 (1.6)	200 (1.7)	34 (1.0)	214 (1.5)	26 (1.6)	225 (1.9)
New York†	32 (1.3)	201 (2.3)	32 (1.1)	216 (1.5)	36 (1.3)	227 (1.5)
North Carolina	33 (1.3)	200 (1.7)	34 (0.9)	213 (1.3)	33 (1.1)	222 (1.9)
North Dakota	18 (1.0)	219 (2.3)	35 (1.3)	224 (1.4)	46 (1.2)	230 (1.3)
Pennsylvania	26 (1.2)	209 (1.9)	35 (1.2)	222 (1.7)	39 (1.3)	228 (1.6)
Rhode Island	33 (1.7)	201 (2.9)	33 (1.1)	222 (1.7)	34 (1.3)	228 (1.6)
South Carolina	34 (1.1)	199 (1.5)	34 (0.8)	211 (1.9)	32 (0.8)	220 (1.6)
Tennessee	37 (1.5)	201 (1.6)	33 (1.0)	213 (1.6)	31 (1.4)	225 (1.6)
Texas	40 (1.5)	202 (1.7)	32 (1.0)	216 (1.6)	28 (1.6)	225 (2.0)
Utah	26 (1.2)	215 (2.1)	35 (1.0)	221 (1.3)	38 (1.3)	224 (1.3)
Virginia	30 (1.2)	209 (1.7)	34 (1.2)	222 (1.7)	36 (1.4)	230 (1.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	33 (1.2)	207 (1.8)	33 (0.9)	217 (1.5)	35 (1.1)	223 (1.5)
Wisconsin	23 (1.0)	214 (1.5)	36 (0.9)	223 (1.5)	40 (1.2)	231 (1.2)
Wyoming	27 (0.9)	214 (1.7)	37 (0.9)	222 (1.3)	35 (1.1)	231 (1.3)
Other Jurisdictions						
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	54 (1.1)	179 (1.9)	30 (1.2)	186 (2.1)	16 (0.8)	192 (2.8)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 63

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Types of Reading Materials in Their Homes**

How many types of reading materials (newspapers, magazines, encyclopedias, or 25 or more books) are there in your home?	**Zero to Two Types**		**Three Types**		**Four Types**	
1994 JURISDICTIONS	**PCT (SE)**	**PROF (SE)**	**PCT (SE)**	**PROF (SE)**	**PCT (SE)**	**PROF (SE)**
Nation						
Nation	30 (0.9)	196 (1.5)<	34 (0.7)	214 (1.3)	36 (0.9)	225 (1.2)
Northeast	25 (1.6)	194 (3.4)	37 (1.8)	215 (2.8)	38 (1.7)	222 (2.4)
Southeast	36 (1.9)	195 (2.2)<	34 (0.7)	210 (2.3)	30 (1.8)	221 (2.1)
Central	25 (2.5)	204 (4.1)	32 (1.3)	214 (2.9)	43 (2.6)	230 (2.3)
West	33 (1.7)	193 (2.7)	33 (1.3)	217 (2.8)	34 (1.4)	226 (2.6)
States						
Alabama	36 (1.5)	195 (1.9)	35 (1.1)	211 (1.5)	29 (1.3)	221 (2.0)
Arizona	39 (1.4)	191 (2.6)<<	32 (0.9)	212 (2.1)	29 (1.3)	222 (1.7)
Arkansas	39 (1.5)	200 (2.3)	33 (1.1)	211 (2.1)	27 (1.2)	218 (2.3)
California	38 (2.2)	180 (2.5)	32 (1.5)	205 (2.0)	30 (1.6)	211 (2.1)<
Colorado	30 (1.3)	200 (2.0)<	33 (1.1)	215 (1.6)	37 (1.7)	224 (1.6)
Connecticut	24 (1.2)	202 (3.2)	33 (0.9)	227 (1.6)	43 (1.2)	231 (2.0)
Delaware	33 (1.2)	193 (1.9)<<	33 (1.2)	206 (1.9)<<	34 (1.2)	220 (1.6)
Florida	36 (1.3)	192 (1.8)	34 (0.9)	208 (2.2)	30 (1.4)	218 (2.4)
Georgia	34 (2.0)	191 (3.2)<	34 (1.1)	208 (2.4)	32 (1.5)	225 (2.7)
Hawaii	43 (1.3)	193 (1.8)	34 (1.0)	205 (2.0)	23 (1.1)	213 (2.4)
Indiana	28 (1.4)	206 (1.9)	34 (1.2)	221 (1.7)	38 (1.7)	229 (1.5)
Iowa	24 (1.3)	212 (2.0)	35 (1.0)	222 (1.6)	42 (1.5)	230 (1.5)
Kentucky	33 (1.3)	199 (1.7)<	35 (1.1)	214 (2.1)	32 (1.0)	222 (1.8)
Louisiana	42 (1.1)	188 (1.5)<<	33 (1.0)	200 (2.1)	24 (1.0)<	207 (2.1)
Maine	25 (1.2)	221 (1.8)	34 (1.0)	227 (1.7)	41 (1.2)>	234 (1.4)
Maryland	29 (1.4)	194 (1.8)	34 (1.0)	212 (1.9)	37 (1.2)	221 (2.2)
Massachusetts	25 (1.3)	207 (2.1)<	33 (1.0)	224 (1.6)	42 (1.6)	233 (1.4)
Minnesota	26 (1.3)>	209 (2.5)	34 (0.9)	220 (1.7)	40 (1.5)	224 (1.7)
Mississippi	39 (1.7)	192 (1.9)	33 (1.1)	203 (2.2)	27 (1.5)	214 (2.1)
Missouri	29 (1.4)	205 (2.3)	34 (0.9)	216 (1.6)<	37 (1.3)	227 (1.9)
Montana†	28 (1.0)	213 (1.9)	37 (0.8)	222 (1.7)	36 (1.2)	231 (1.6)
Nebraska†	25 (1.3)	206 (2.6)	33 (1.1)	218 (1.6)<	41 (1.4)	230 (1.7)
New Hampshire†	23 (1.0)	215 (2.4)	35 (1.1)	220 (1.9)	43 (1.4)	231 (1.5)
New Jersey	28 (1.1)	204 (1.7)	32 (1.0)	221 (1.8)	40 (1.3)	230 (1.5)
New Mexico	40 (1.4)	194 (2.2)	33 (0.9)	207 (1.8)<	27 (1.3)	217 (2.0)<
New York	31 (1.2)	198 (2.2)	33 (1.1)	214 (1.7)	36 (1.4)	222 (1.9)
North Carolina	31 (1.3)	201 (1.7)	34 (1.0)	215 (2.0)	35 (1.4)	226 (2.1)
North Dakota	21 (1.2)	216 (2.2)	35 (1.0)	224 (1.5)	44 (1.4)	231 (1.5)
Pennsylvania†	26 (1.3)	206 (2.3)	34 (1.1)	213 (2.1)<	40 (1.5)	224 (1.9)
Rhode Island†	30 (1.3)	205 (1.5)	32 (1.0)	223 (2.0)	38 (1.6)	229 (1.3)
South Carolina	36 (1.3)	192 (1.7)<	34 (1.1)	207 (1.7)	30 (1.3)	215 (1.9)
Tennessee†	34 (1.5)	198 (2.0)	34 (1.1)	216 (1.8)	33 (1.6)	224 (2.3)
Texas	39 (1.7)	200 (1.9)	29 (1.0)	216 (2.1)	32 (1.9)	226 (2.3)
Utah	26 (1.2)	208 (2.6)	35 (0.9)	220 (1.5)	39 (1.3)	222 (1.2)
Virginia	32 (1.4)	200 (1.9)<	32 (0.8)	215 (1.9)<	36 (1.2)	225 (1.6)<
Washington	32 (1.3)	201 (2.2)	33 (1.0)	216 (1.8)	34 (1.1)	222 (1.6)
West Virginia	33 (1.4)	205 (1.8)	34 (0.9)	214 (1.6)	33 (1.2)	221 (1.5)
Wisconsin†	25 (1.4)	213 (2.0)	34 (1.1)	225 (1.4)	41 (1.3)	230 (1.5)
Wyoming	27 (1.1)	212 (1.9)	38 (0.9)	223 (1.6)	35 (1.2)	227 (1.4)
Other Jurisdictions						
DoDEA Overseas	33 (1.0)	214 (1.1)	38 (1.0)	218 (1.2)	29 (1.2)	223 (1.9)
Guam	52 (1.1)	174 (1.5)	29 (0.9)	186 (2.3)	19 (0.9)	197 (2.4)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (**see Appendix A**).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 64

1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Discuss Reading with Friends and Family**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How often do you discuss reading with friends and family?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	27 (0.7)	213 (1.5)	35 (1.0)	222 (1.2)	15 (0.7)	216 (1.9)	24 (0.9)	207 (1.4)
Northeast	28 (1.7)	219 (5.0)	35 (1.9)	228 (4.1)	16 (1.6)	221 (3.6)	21 (2.3)	209 (4.9)
Southeast	30 (1.2)	206 (2.6)	33 (2.2)	217 (3.5)	12 (1.2)	217 (4.9)	24 (1.4)	204 (2.5)
Central	24 (1.2)	217 (2.4)	36 (2.5)	225 (1.9)	15 (1.3)	220 (2.4)	26 (2.4)	209 (2.4)
West	26 (1.1)	211 (2.0)	36 (1.4)	220 (2.0)	15 (1.2)	209 (3.4)	23 (1.1)	206 (2.4)
States								
Alabama	30 (0.9)	205 (2.0)	31 (0.8)	212 (2.0)	14 (0.8)	210 (2.6)	24 (0.9)	202 (2.0)
Arizona	28 (1.2)	206 (1.9)	33 (1.1)	214 (1.5)	15 (0.7)	214 (2.3)	25 (1.0)	204 (1.7)
Arkansas	31 (1.1)	207 (2.0)	31 (0.9)	217 (1.5)	14 (0.7)	213 (2.1)	24 (1.0)	207 (1.7)
California	29 (1.1)	200 (2.4)	36 (1.3)	211 (2.2)	14 (0.8)	199 (3.4)	21 (1.0)	196 (2.5)
Colorado	28 (0.8)	215 (1.7)	37 (0.9)	223 (1.3)	16 (0.7)	217 (1.6)	19 (0.8)	207 (1.7)
Connecticut	26 (0.9)	218 (2.4)	36 (0.8)	228 (1.5)	17 (0.7)	225 (1.8)	22 (0.8)	215 (1.8)
Delaware†	29 (1.2)	208 (1.9)	32 (1.2)	222 (1.5)	16 (0.9)	216 (2.7)	22 (1.1)	206 (1.7)
Florida	30 (0.9)	206 (1.6)	32 (1.0)	215 (1.6)	14 (0.6)	210 (2.5)	24 (0.9)	203 (1.9)
Georgia	31 (0.9)	208 (1.9)	35 (1.1)	219 (1.7)	14 (0.7)	217 (2.6)	20 (0.9)	204 (1.9)
Hawaii	27 (1.2)	198 (2.0)	34 (1.0)	209 (2.1)	16 (0.8)	205 (2.5)	22 (1.0)	202 (2.0)
Indiana	26 (1.0)	219 (1.7)	35 (1.0)	227 (2.0)	17 (0.8)	222 (1.9)	23 (1.0)	215 (1.8)
Iowa	24 (0.9)	224 (1.3)	38 (0.9)	232 (1.3)	16 (0.7)	227 (2.0)	22 (1.0)	216 (1.5)
Kentucky	28 (0.9)	211 (1.4)	33 (0.9)	219 (1.7)	16 (0.7)	215 (2.3)	23 (0.9)	205 (1.8)
Louisiana	34 (1.0)	201 (1.5)	29 (0.9)	209 (1.5)	15 (0.7)	207 (2.0)	22 (0.7)	199 (1.7)
Maine†	23 (1.1)	225 (1.6)	35 (1.3)	231 (1.6)	18 (1.1)	230 (1.9)	24 (1.4)	219 (1.3)
Maryland	27 (1.0)	207 (1.9)	34 (1.0)	218 (1.8)	16 (0.8)	219 (1.9)	23 (0.9)	206 (2.7)
Massachusetts	25 (1.1)	225 (1.4)	38 (0.9)	232 (1.2)	16 (0.9)	225 (1.8)	21 (0.9)	219 (1.7)
Minnesota	24 (1.0)	219 (1.8)	36 (1.1)	228 (1.3)	18 (0.8)	221 (2.7)	23 (1.0)	214 (1.8)
Mississippi	36 (1.0)	194 (1.7)	29 (0.8)	207 (1.7)	12 (0.6)	199 (3.0)	23 (1.0)	198 (1.9)
Missouri	27 (1.1)	218 (1.5)	34 (0.9)	225 (1.8)	16 (0.8)	222 (2.1)	23 (0.9)	214 (1.5)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	27 (1.1)	220 (1.4)	36 (1.1)	228 (1.5)	17 (1.0)	222 (2.3)	21 (0.9)	210 (2.2)
New Hampshire†	25 (1.1)	228 (2.0)	38 (1.1)	233 (1.3)	16 (0.8)	228 (2.4)	21 (1.1)	219 (1.5)
New Jersey†	26 (1.0)	220 (1.6)	37 (1.1)	228 (1.9)	16 (0.8)	228 (2.3)	20 (1.0)	215 (2.3)
New Mexico	29 (1.1)	208 (2.1)	31 (0.9)	217 (1.8)	15 (0.7)	212 (2.6)	25 (1.1)	207 (2.3)
New York†	31 (1.2)	212 (1.8)	35 (1.2)	221 (2.1)	15 (0.7)	213 (2.9)	18 (0.9)	211 (2.1)
North Carolina	31 (0.9)	207 (1.5)	35 (0.9)	219 (1.7)	13 (0.7)	210 (2.7)	21 (1.0)	209 (1.8)
North Dakota	22 (0.8)	224 (1.7)	37 (1.0)	232 (1.5)	20 (1.0)	225 (1.8)	22 (1.2)	219 (1.9)
Pennsylvania	28 (1.0)	217 (1.9)	37 (1.1)	228 (1.4)	15 (0.9)	225 (2.0)	20 (0.8)	211 (1.7)
Rhode Island	26 (1.1)	214 (1.8)	36 (1.2)	221 (2.6)	15 (0.8)	217 (2.4)	23 (1.2)	213 (2.7)
South Carolina	31 (1.1)	207 (1.8)	33 (1.0)	216 (1.4)	14 (0.8)	213 (2.4)	22 (0.9)	203 (1.9)
Tennessee	30 (1.0)	210 (1.7)	36 (1.2)	218 (1.7)	14 (0.8)	214 (2.4)	20 (0.9)	204 (1.7)
Texas	29 (1.0)	207 (1.9)	34 (1.2)	221 (1.8)	14 (0.8)	214 (2.5)	24 (1.0)	209 (1.8)
Utah	23 (0.8)	219 (1.6)	36 (0.8)	225 (1.5)	18 (0.9)	224 (1.7)	23 (0.8)	212 (1.7)
Virginia	27 (0.8)	218 (1.6)	35 (0.9)	225 (1.7)	16 (0.8)	224 (1.9)	22 (1.0)	216 (1.8)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	27 (0.9)	214 (1.7)	34 (1.1)	222 (1.8)	14 (0.7)	219 (2.0)	24 (1.1)	207 (1.5)
Wisconsin	22 (0.7)	223 (1.6)	38 (0.9)	229 (1.1)	17 (0.9)	225 (1.7)	23 (0.9)	214 (1.9)
Wyoming	27 (1.1)	223 (1.6)	35 (0.9)	228 (1.3)	15 (0.7)	227 (1.5)	23 (0.7)	215 (1.8)
Other Jurisdictions								
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	29 (1.0)	181 (2.1)	32 (1.1)	187 (2.2)	13 (0.8)	179 (3.4)	26 (1.1)	182 (1.9)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 64 1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **Frequency They Discuss Reading with Friends and Family**

THE NATION'S REPORT CARD naep
1992 1994 Reading Assessment

How often do you discuss reading with friends and family?	**Almost Every Day**		**Once or Twice a Week**		**Once or Twice a Month**		**Never or Hardly Ever**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation								
Nation	28 (0.7)	211 (1.4)	35 (0.7)	221 (1.4)	15 (0.5)	212 (2.3)	21 (0.6)	205 (1.7)
Northeast	29 (1.4)	213 (2.5)	36 (1.0)	218 (2.8)	15 (0.9)	209 (3.7)	20 (1.0)	206 (4.1)
Southeast	30 (1.8)	207 (3.2)	33 (1.6)	217 (2.9)	14 (1.1)	206 (5.7)	23 (1.2)	200 (2.5)
Central	25 (1.5)	216 (3.9)	37 (1.6)	226 (2.5)	16 (1.4)	220 (5.3)	22 (1.6)	208 (2.9)
West	29 (1.3)	208 (2.6)	35 (1.1)	221 (2.7)	17 (0.9)	213 (3.6)	20 (1.2)	207 (3.6)
States								
Alabama	34 (1.1)>	205 (2.0)	33 (1.1)	214 (2.1)	13 (0.8)	209 (2.7)	20 (0.8)<<	206 (2.2)
Arizona	27 (0.8)	202 (2.6)	37 (1.2)	213 (2.1)	14 (0.7)	207 (2.2)	22 (1.1)	202 (2.2)
Arkansas	31 (1.2)	205 (2.0)	31 (1.1)	219 (2.3)	14 (0.7)	209 (3.2)	24 (1.0)	202 (2.2)
California	29 (1.0)	194 (2.1)	37 (1.1)	203 (2.4)	15 (0.9)	202 (3.0)	19 (0.9)	193 (2.5)
Colorado	31 (1.0)	213 (1.7)	37 (1.0)	220 (1.7)	14 (0.7)	212 (2.3)	18 (1.0)	207 (2.4)
Connecticut	27 (1.0)	218 (2.0)	37 (1.1)	230 (2.0)	18 (0.8)	224 (2.5)	18 (0.9)<	215 (2.5)
Delaware	30 (1.0)	205 (1.9)	32 (1.0)	214 (2.2)<	16 (0.7)	207 (3.0)	22 (1.1)	201 (2.1)
Florida	32 (1.0)	201 (2.2)	34 (1.0)	212 (2.1)	15 (0.7)	205 (3.4)	19 (1.0)<<	200 (2.3)
Georgia	31 (1.0)	204 (2.5)	35 (1.1)	212 (3.0)	15 (0.7)	211 (3.9)	19 (0.9)	203 (3.0)
Hawaii	28 (0.9)	199 (2.0)	36 (0.9)	206 (2.2)	16 (0.8)	204 (2.4)	21 (0.9)	198 (2.6)
Indiana	26 (0.9)	218 (1.6)	39 (1.1)>	226 (1.9)	14 (0.7)	223 (2.6)	20 (1.1)	211 (2.0)
Iowa	24 (0.8)	222 (2.2)	39 (1.0)	227 (1.9)	17 (0.8)	226 (2.0)	20 (1.0)	213 (2.0)
Kentucky	28 (1.2)	211 (1.9)	37 (1.2)>	218 (2.0)	15 (0.8)	215 (2.5)	19 (0.9)<	201 (2.1)
Louisiana	33 (1.2)	194 (1.3)<<	31 (0.9)	202 (1.7)<	14 (0.7)	198 (2.8)<	22 (0.8)	195 (2.1)
Maine	22 (0.9)	231 (1.7)	40 (1.0)>	232 (1.5)	19 (0.8)	229 (2.0)	19 (0.8)<	220 (1.8)
Maryland	28 (0.9)	206 (2.1)	36 (1.0)	217 (2.2)	15 (0.8)	213 (2.6)	20 (0.9)	207 (2.2)
Massachusetts	28 (1.0)	222 (1.9)	38 (1.2)	228 (1.6)	16 (0.7)	223 (2.0)	18 (1.1)	216 (1.9)
Minnesota	23 (1.0)	216 (2.3)	39 (1.2)	226 (1.6)	17 (0.8)	218 (2.2)	21 (1.1)	210 (2.1)
Mississippi	36 (1.0)	197 (2.0)	30 (0.9)	209 (2.0)	13 (0.6)	203 (2.6)	22 (0.9)	201 (2.2)
Missouri	28 (1.1)	214 (2.5)	37 (1.2)	224 (1.7)	13 (0.8)	218 (3.0)	22 (1.0)	211 (1.9)
Montana†	25 (1.0)	223 (2.1)	36 (1.0)	228 (1.8)	16 (0.8)	222 (2.1)	23 (1.0)	215 (2.1)
Nebraska†	27 (1.0)	219 (2.0)	38 (1.2)	229 (2.0)	16 (0.9)	217 (2.5)	19 (0.8)	209 (2.2)
New Hampshire†	24 (0.9)	223 (2.3)	38 (1.4)	231 (1.4)	15 (0.9)	224 (2.4)	22 (1.2)	215 (2.5)
New Jersey	30 (1.2)	214 (2.0)	38 (1.2)	226 (1.5)	15 (0.7)	224 (2.1)	17 (0.7)<	212 (2.1)
New Mexico	30 (1.0)	201 (2.3)	34 (1.0)	212 (2.1)	14 (0.6)	205 (2.4)	21 (0.9)	201 (2.4)
New York	31 (1.0)	206 (1.8)	37 (1.0)	219 (1.9)	12 (0.7)<	211 (2.8)	19 (1.2)	209 (2.0)
North Carolina	32 (1.1)	212 (1.7)	38 (1.1)	223 (1.9)	12 (0.6)	221 (2.6)>	18 (0.9)	200 (2.3)<
North Dakota	24 (1.1)	225 (1.9)	38 (1.1)	230 (1.3)	17 (0.7)	227 (2.5)	22 (1.0)	218 (1.8)
Pennsylvania†	29 (1.2)	213 (1.8)	38 (1.0)	222 (1.8)	15 (0.9)	213 (3.4)<	18 (0.9)	210 (2.1)
Rhode Island†	29 (1.2)	218 (1.9)	37 (1.3)	225 (1.8)	14 (0.8)	221 (2.0)	20 (1.2)	215 (2.6)
South Carolina	32 (1.0)	201 (1.6)<	34 (1.1)	210 (1.8)<	13 (0.6)	203 (3.1)<	21 (0.9)	200 (2.2)
Tennessee†	31 (1.1)	207 (2.2)	35 (1.2)	220 (2.3)	15 (0.8)	217 (3.0)	20 (1.0)	206 (2.5)
Texas	28 (1.1)	208 (2.8)	36 (1.0)	219 (2.3)	14 (1.0)	213 (2.9)	21 (0.8)	210 (2.0)
Utah	25 (0.8)	217 (1.9)	38 (1.1)	223 (1.7)	17 (0.9)	215 (2.1)<	20 (0.9)	211 (1.9)
Virginia	32 (1.3)>	209 (1.7)<	36 (1.2)	220 (2.0)	13 (0.7)<	218 (2.6)	18 (0.9)	208 (1.8)<
Washington	26 (0.8)	212 (2.2)	38 (1.0)	220 (1.5)	15 (0.7)	213 (2.4)	21 (1.0)	203 (2.3)
West Virginia	29 (1.1)	211 (1.6)	35 (1.1)	220 (1.6)	14 (0.8)	218 (2.4)	21 (1.0)	204 (1.6)
Wisconsin†	23 (0.9)	222 (1.7)	40 (1.1)	229 (1.5)	15 (0.8)	226 (2.1)	22 (1.1)	218 (1.7)
Wyoming	29 (1.0)	220 (1.5)	36 (1.0)	226 (1.6)	14 (0.7)	224 (2.2)	21 (0.8)	213 (2.0)
Other Jurisdictions								
DoDEA Overseas	30 (0.9)	215 (1.7)	34 (1.1)	225 (1.5)	12 (0.7)	217 (2.2)	23 (1.1)	212 (1.4)
Guam	31 (0.8)	181 (2.2)	32 (1.0)	185 (1.8)	13 (0.6)	175 (3.6)	24 (1.1)	185 (1.7)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 65 — 1992 READING ASSESSMENT

POPULATION: **1992 Grade 4 Public School Students**
REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**
STUDENTS' REPORTS ON: **The Amount of Time Spent Watching Television Each Day**

THE NATION'S REPORT CARD naep 1992 1994 Reading Assessment

How much time do you spend each day watching television?	Six Hours or More		Four to Five Hours		Three Hours		Two Hours		One Hour or Less	
1992 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation										
Nation	21 (0.8)	198 (1.7)	22 (0.9)	215 (1.5)	19 (0.7)	222 (1.3)	21 (0.9)	222 (1.6)	18 (0.8)	219 (1.9)
Northeast	20 (2.9)	200 (4.1)	22 (2.1)	220 (3.7)	18 (1.5)	230 (4.4)	20 (1.6)	225 (5.1)	19 (3.0)	228 (6.5)
Southeast	26 (1.9)	197 (4.3)	20 (1.3)	213 (4.4)	17 (1.5)	217 (2.6)	19 (0.8)	216 (3.3)	18 (1.6)	216 (3.0)
Central	17 (1.0)	199 (2.3)	23 (0.7)	214 (3.1)	22 (1.4)	225 (1.6)	22 (1.9)	226 (2.3)	16 (1.0)	222 (3.6)
West	20 (1.3)	196 (3.3)	21 (2.2)	213 (1.7)	18 (1.4)	217 (2.3)	21 (2.0)	220 (3.0)	20 (1.4)	213 (2.7)
States										
Alabama	26 (1.2)	197 (2.3)	25 (1.0)	208 (2.1)	17 (0.9)	214 (2.3)	17 (0.8)	214 (2.2)	16 (0.9)	209 (2.5)
Arizona	18 (1.0)	200 (1.9)	20 (0.8)	209 (2.1)	19 (0.7)	213 (1.9)	21 (0.8)	215 (1.7)	22 (0.9)	209 (2.0)
Arkansas	28 (1.5)	199 (1.7)	24 (1.0)	215 (1.4)	18 (0.9)	219 (1.9)	15 (0.7)	216 (2.7)	16 (0.9)	211 (2.7)
California	20 (1.3)	184 (2.7)	20 (1.1)	204 (2.7)	18 (0.9)	207 (2.1)	21 (0.9)	207 (2.7)	22 (1.3)	210 (2.6)
Colorado	15 (1.0)	203 (2.4)	21 (1.0)	217 (1.5)	17 (0.7)	219 (1.7)	23 (0.9)	222 (1.7)	24 (1.0)	219 (1.7)
Connecticut	19 (1.2)	203 (2.2)	23 (1.1)	217 (2.2)	18 (0.8)	225 (1.7)	21 (0.9)	230 (1.5)	19 (1.1)	232 (1.9)
Delaware†	24 (1.2)	197 (1.8)	23 (0.8)	215 (1.4)	15 (0.8)	215 (1.6)	21 (0.8)	224 (2.2)	16 (0.8)	217 (2.1)
Florida	25 (1.3)	195 (1.9)	22 (0.9)	209 (1.7)	18 (0.8)	213 (2.2)	17 (0.9)	218 (2.1)	17 (0.9)	211 (2.1)
Georgia	25 (1.4)	199 (1.9)	22 (0.9)	215 (2.1)	18 (0.8)	219 (2.3)	19 (0.8)	218 (2.3)	17 (0.9)	214 (2.5)
Hawaii	24 (1.2)	193 (2.2)	19 (0.6)	207 (1.7)	16 (0.8)	209 (2.5)	18 (1.0)	207 (2.7)	24 (1.1)	205 (2.4)
Indiana	20 (1.4)	209 (1.6)	26 (1.0)	222 (1.5)	19 (0.8)	226 (1.8)	19 (1.0)	226 (1.7)	16 (1.0)	224 (2.2)
Iowa	15 (1.1)	211 (2.2)	26 (0.8)	223 (1.5)	20 (0.9)	230 (1.5)	23 (0.9)	232 (1.4)	16 (0.9)	227 (2.0)
Kentucky	25 (1.1)	202 (2.1)	25 (0.8)	217 (1.5)	19 (0.8)	217 (2.0)	17 (0.9)	216 (2.0)	14 (0.8)	212 (2.7)
Louisiana	28 (1.3)	194 (1.9)	24 (1.0)	206 (1.7)	17 (0.8)	209 (2.1)	16 (0.7)	208 (1.6)	15 (0.7)	208 (1.6)
Maine†	14 (1.1)	214 (1.7)	22 (1.1)	225 (1.5)	20 (1.0)	232 (1.8)	22 (1.1)	229 (1.9)	21 (1.3)	230 (2.4)
Maryland	25 (1.3)	193 (2.5)	23 (1.0)	212 (1.9)	18 (0.7)	218 (1.7)	17 (0.9)	222 (2.1)	17 (0.9)	219 (2.1)
Massachusetts	16 (0.9)	210 (2.3)	23 (0.9)	225 (1.5)	20 (0.8)	228 (1.7)	21 (1.1)	232 (1.4)	20 (0.9)	232 (1.8)
Minnesota	16 (1.1)	203 (2.3)	23 (0.9)	219 (1.9)	21 (0.9)	226 (2.0)	22 (1.0)	227 (1.5)	18 (0.9)	226 (1.9)
Mississippi	30 (1.4)	192 (1.8)	26 (0.8)	201 (2.0)	14 (0.8)	207 (2.2)	15 (0.8)	208 (2.2)	16 (0.8)	194 (2.1)
Missouri	19 (1.3)	207 (2.0)	27 (1.0)	220 (1.6)	18 (1.0)	225 (2.2)	19 (0.8)	227 (1.6)	16 (0.9)	221 (2.2)
Montana	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Nebraska†	15 (0.9)	203 (2.1)	23 (1.0)	223 (1.8)	21 (0.9)	227 (2.0)	24 (1.1)	226 (1.6)	17 (0.9)	221 (1.7)
New Hampshire†	14 (0.9)	215 (2.6)	22 (0.9)	227 (1.9)	20 (0.9)	227 (1.7)	23 (0.9)	232 (1.6)	21 (1.0)	233 (1.6)
New Jersey†	23 (1.3)	204 (2.2)	24 (1.1)	223 (1.7)	19 (0.9)	228 (2.1)	18 (0.9)	232 (2.0)	17 (1.1)	233 (2.3)
New Mexico	18 (1.2)	196 (2.2)	23 (1.1)	211 (2.2)	17 (1.0)	216 (2.6)	21 (1.0)	219 (1.9)	22 (1.2)	210 (2.0)
New York†	23 (1.1)	201 (2.9)	24 (1.1)	213 (1.7)	17 (0.8)	223 (2.0)	20 (1.0)	222 (1.6)	16 (0.8)	220 (3.4)
North Carolina	24 (1.2)	196 (1.6)	22 (0.8)	213 (1.7)	17 (0.7)	217 (2.0)	19 (0.8)	221 (2.3)	17 (0.9)	216 (2.1)
North Dakota	12 (0.8)	210 (1.8)	22 (1.0)	225 (1.8)	22 (1.1)	229 (1.7)	25 (1.1)	229 (1.4)	19 (1.1)	228 (2.2)
Pennsylvania	17 (1.0)	201 (1.5)	25 (1.0)	220 (1.2)	20 (0.8)	227 (1.9)	22 (1.0)	229 (1.8)	17 (0.8)	225 (2.6)
Rhode Island	18 (1.2)	202 (3.3)	23 (1.0)	216 (2.1)	20 (0.8)	221 (2.2)	19 (0.9)	222 (1.8)	19 (0.9)	221 (3.1)
South Carolina	27 (1.3)	197 (1.8)	23 (1.0)	211 (1.9)	17 (0.7)	214 (2.0)	16 (1.0)	220 (2.5)	16 (0.8)	214 (1.9)
Tennessee	22 (0.9)	198 (1.9)	24 (1.0)	216 (2.1)	19 (0.7)	218 (1.9)	18 (0.9)	217 (2.3)	17 (0.9)	213 (1.9)
Texas	22 (1.1)	199 (2.0)	24 (0.9)	212 (2.0)	17 (0.7)	219 (2.4)	19 (0.9)	221 (2.1)	18 (0.9)	217 (2.7)
Utah	11 (0.9)	208 (2.3)	18 (0.9)	219 (1.9)	19 (0.8)	224 (1.6)	24 (0.9)	223 (1.8)	28 (1.1)	222 (1.6)
Virginia	25 (1.3)	204 (2.2)	23 (1.0)	221 (1.5)	16 (0.8)	227 (2.2)	19 (1.0)	231 (2.0)	17 (0.8)	228 (2.5)
Washington	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
West Virginia	22 (1.2)	203 (1.9)	26 (1.0)	217 (1.7)	20 (0.9)	221 (1.8)	17 (0.9)	221 (2.0)	15 (0.8)	218 (2.4)
Wisconsin	16 (1.0)	210 (2.0)	24 (0.8)	224 (1.3)	19 (0.9)	227 (1.9)	24 (1.0)	229 (1.4)	17 (0.9)	226 (1.9)
Wyoming	14 (0.8)	209 (2.4)	20 (0.7)	222 (1.7)	19 (0.9)	226 (1.5)	21 (0.9)	227 (1.4)	26 (1.2)	226 (1.7)
Other Jurisdictions										
DoDEA Overseas	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)	--- (---)
Guam	20 (0.9)	176 (2.2)	17 (0.7)	190 (2.0)	13 (0.7)	192 (2.8)	19 (1.0)	184 (2.0)	31 (1.1)	178 (2.1)

(continued on next page)

--- Montana, Washington, and the DoDEA Overseas jurisdiction did not participate in the 1992 Trial State Assessment.

† Did not satisfy one of the guidelines for school sample participation rates for the 1992 Trial State Assessment (see *Technical Report of the NAEP 1992 Trial State Assessment Program in Reading*).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

TABLE 65

1994 READING ASSESSMENT

POPULATION: **1994 Grade 4 Public School Students**

REPORTED STATISTICS: **Percentage of Students and Average Reading Proficiency**

STUDENTS' REPORTS ON: **The Amount of Time Spent Watching Television Each Day**

How much time do you spend each day watching television?	**Six Hours or More**		**Four to Five Hours**		**Three Hours**		**Two Hours**		**One Hour or Less**	
1994 JURISDICTIONS	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)	PCT (SE)	PROF (SE)
Nation										
Nation	22 (0.7)	193 (1.6)	22 (0.8)	215 (1.8)	16 (0.5)<	219 (1.6)	21 (0.6)	220 (1.4)	19 (0.7)	217 (2.2)
Northeast	27 (1.9)	190 (2.3)	22 (1.3)	217 (2.7)	17 (1.0)	218 (2.7)	18 (1.0)	223 (3.8)	16 (1.6)	220 (5.9)
Southeast	26 (2.0)	193 (3.1)	24 (1.7)	211 (3.0)	17 (1.4)	216 (2.5)	18 (1.6)	214 (3.0)	15 (1.2)	211 (2.9)
Central	20 (1.7)	196 (3.1)	22 (1.4)	219 (4.2)	16 (1.0)<	222 (3.5)	23 (1.2)	226 (2.6)	20 (1.8)	228 (4.6)
West	18 (1.3)	193 (3.7)	22 (1.7)	214 (3.9)	15 (0.8)	221 (3.1)	23 (1.2)	218 (2.8)	22 (1.2)	212 (3.2)
States										
Alabama	21 (1.1)<	191 (2.4)	24 (1.0)	210 (2.0)	18 (0.9)	217 (2.2)	19 (0.8)	215 (2.4)	18 (0.9)	210 (2.3)
Arizona	16 (1.1)	188 (2.3)<<	22 (1.3)	205 (2.2)	16 (0.8)	212 (2.8)	22 (1.0)	214 (2.4)	24 (1.0)	208 (3.1)
Arkansas	25 (1.6)	194 (2.3)	23 (0.8)	212 (2.2)	17 (0.9)	218 (2.6)	18 (0.9)	215 (2.6)	17 (0.9)	211 (2.7)
California	21 (1.3)	188 (2.6)	21 (0.9)	197 (2.8)	17 (0.9)	200 (2.7)	19 (1.1)	199 (3.2)	22 (1.2)	201 (3.2)
Colorado	13 (1.0)	194 (2.7)	18 (0.9)	212 (2.1)	18 (0.7)	216 (1.8)	24 (0.8)	220 (2.2)	26 (1.0)	218 (2.0)
Connecticut	20 (1.2)	198 (3.0)	22 (0.9)	219 (1.9)	17 (0.8)	231 (2.3)	22 (0.9)	231 (2.0)	20 (1.3)	233 (2.8)
Delaware	26 (1.3)	191 (2.2)	23 (1.0)	212 (2.3)	17 (0.9)	214 (2.0)	18 (0.8)<	213 (2.5)<	16 (0.8)	209 (3.0)
Florida	23 (1.1)	190 (2.6)	22 (0.9)	204 (2.4)	16 (0.7)	214 (2.8)	20 (1.0)	216 (2.0)	19 (0.8)	205 (2.6)
Georgia	22 (1.5)	187 (3.2)<	22 (0.8)	208 (2.5)	18 (0.9)	213 (2.7)	20 (0.9)	217 (2.8)	19 (0.8)	213 (3.7)
Hawaii	20 (1.1)	184 (2.3)<	19 (0.8)	201 (2.1)	15 (0.7)	208 (2.4)	18 (0.9)	206 (2.6)	28 (1.0)	206 (2.6)
Indiana	18 (1.1)	202 (1.9)<	26 (1.0)	220 (2.0)	21 (0.9)	225 (1.8)	20 (1.0)	228 (2.2)	15 (0.9)	223 (2.5)
Iowa	13 (1.1)	204 (2.7)	26 (1.0)	222 (1.7)	21 (0.7)	227 (1.7)	23 (0.9)	227 (2.0)	17 (1.0)	227 (2.5)
Kentucky	25 (1.1)	196 (2.1)	26 (1.0)	215 (1.8)	18 (0.7)	219 (2.1)	18 (0.8)	218 (3.0)	13 (0.7)	216 (2.6)
Louisiana	28 (1.4)	187 (1.8)<	23 (0.9)	199 (2.1)	17 (0.9)	201 (2.6)	16 (0.8)	202 (2.2)	16 (0.8)	199 (2.4)<
Maine	12 (0.8)	214 (3.2)	22 (1.0)	227 (1.6)	20 (1.0)	230 (1.8)	24 (1.1)	232 (1.8)	23 (1.0)	232 (1.9)
Maryland	23 (1.5)	189 (2.2)	24 (1.0)	209 (1.5)	17 (1.0)	219 (2.9)	18 (0.8)	218 (2.4)	18 (1.1)	221 (2.7)
Massachusetts	14 (1.2)	199 (2.4)<	21 (1.2)	219 (1.9)	19 (0.9)	226 (2.1)	24 (0.9)	232 (1.7)	22 (1.2)	231 (2.0)
Minnesota	12 (0.9)<	193 (3.5)	22 (0.9)	215 (1.8)	22 (1.0)	225 (1.7)	24 (0.9)	225 (1.6)	21 (1.1)	223 (2.1)
Mississippi	28 (1.1)	189 (2.2)	23 (0.9)	208 (2.0)	15 (0.7)	207 (2.8)	16 (0.8)	208 (2.5)	18 (0.9)	203 (3.0)
Missouri	21 (1.1)	198 (2.4)<	26 (1.0)	218 (1.9)	18 (0.9)	224 (1.8)	20 (0.9)	227 (2.2)	15 (0.7)	220 (2.5)
Montana†	12 (1.1)	200 (3.0)	18 (0.9)	219 (2.0)	20 (0.9)	224 (1.7)	25 (0.9)	228 (1.9)	26 (1.1)	229 (1.6)
Nebraska†	14 (1.3)	200 (3.1)	24 (1.0)	219 (2.0)	20 (0.8)	227 (2.0)	25 (1.1)	224 (1.8)	17 (0.9)	223 (2.6)
New Hampshire†	14 (1.4)	205 (2.1)<	21 (1.0)	223 (2.5)	19 (0.9)	224 (2.1)	24 (1.0)	228 (2.1)	22 (1.4)	231 (2.2)
New Jersey	23 (1.3)	201 (2.4)	25 (1.1)	219 (1.9)	18 (0.7)	228 (1.9)	19 (1.0)	228 (2.1)	15 (1.1)	227 (2.3)
New Mexico	13 (1.0)<	191 (2.5)	18 (0.8)<	201 (2.5)<	18 (0.8)<	212 (2.7)	25 (1.2)>	210 (2.2)<	27 (0.9)>	203 (2.4)
New York	22 (1.5)	195 (2.2)	24 (1.2)	211 (1.9)	19 (0.8)	218 (1.8)	19 (1.0)	222 (2.6)	16 (0.9)	216 (2.6)
North Carolina	19 (1.0)<	196 (2.4)	23 (1.0)	213 (1.9)	16 (0.7)	218 (2.0)	22 (1.1)	222 (2.5)	21 (1.3)	221 (2.7)
North Dakota	11 (1.0)	212 (3.0)	23 (0.9)	225 (1.6)	23 (1.0)	227 (1.7)	26 (0.9)	229 (1.7)	18 (0.8)	226 (1.8)
Pennsylvania†	19 (1.4)	191 (3.6)	24 (1.1)	216 (1.8)	22 (1.0)	222 (2.0)	21 (0.9)	225 (2.0)	14 (1.0)	221 (3.3)
Rhode Island†	16 (1.1)	200 (2.1)	22 (1.1)	217 (1.9)	19 (1.1)	226 (2.0)	24 (1.3)>	228 (1.7)	18 (1.2)	225 (2.1)
South Carolina	24 (1.2)	192 (1.8)	21 (0.8)	204 (1.9)	16 (0.8)	212 (2.3)	19 (1.0)	208 (2.0)<<	20 (1.1)>	208 (2.3)
Tennessee†	20 (1.5)	196 (2.5)	23 (1.3)	211 (2.5)	21 (0.9)	219 (2.4)	20 (1.1)	220 (2.7)	15 (0.9)	217 (3.3)
Texas	20 (1.3)	201 (2.3)	24 (1.1)	212 (2.3)	17 (0.9)	216 (2.6)	20 (1.1)	221 (2.9)	19 (1.2)	214 (2.9)
Utah	9 (0.9)	196 (4.3)	16 (1.0)	214 (2.1)	17 (0.7)	219 (2.1)	26 (0.9)	224 (1.9)	32 (1.3)	219 (1.7)
Virginia	24 (1.3)	196 (1.8)<	25 (0.9)	214 (1.8)<	16 (0.7)	222 (2.2)	19 (1.0)	221 (2.7)<	17 (1.0)	221 (2.7)
Washington	13 (0.9)	188 (2.3)	20 (0.9)	207 (2.3)	17 (0.9)	218 (1.8)	24 (1.0)	220 (1.6)	26 (1.1)	220 (2.3)
West Virginia	19 (1.1)	205 (1.7)	26 (1.1)	216 (1.6)	21 (0.8)	217 (1.8)	20 (1.1)	217 (2.0)	13 (0.7)	207 (2.3)<
Wisconsin†	14 (1.0)	209 (2.1)	24 (1.1)	221 (1.7)	22 (0.8)	228 (1.7)	22 (0.9)	230 (1.7)	19 (1.0)	229 (2.0)
Wyoming	12 (0.7)	208 (2.5)	18 (0.8)	220 (1.6)	17 (0.9)	221 (2.0)	24 (0.8)>	226 (1.6)	29 (1.0)	223 (1.8)
Other Jurisdictions										
DoDEA Overseas	19 (0.9)	206 (1.7)	20 (0.8)	217 (1.6)	18 (0.8)	221 (1.8)	20 (1.0)	222 (1.3)	23 (1.0)	221 (2.0)
Guam	23 (0.8)	173 (2.1)	18 (0.9)	186 (2.3)	15 (0.8)	186 (2.4)	16 (0.8)	185 (3.0)	28 (0.9)	181 (2.2)

<< The value for 1994 was significantly lower (>> higher) than the value for 1992 at or about the 95 percent confidence level. These notations indicate statistical significance from a multiple comparison procedure based on 38 jurisdictions participating in both 1992 and 1994. If looking at only one state, < indicates the value for 1994 was significantly lower (> higher) than the value for 1992 at or about the 95 percent confidence level.

† Did not satisfy one of the guidelines for school sample participation rates for the 1994 Trial State Assessment (see Appendix A).

SOURCE: **National Center for Education Statistics, National Assessment of Educational Progress (NAEP)**, 1992 and 1994 Reading Assessments.

BEST COPY AVAILABLE

APPENDIX A: SUMMARY OF PARTICIPATION RATES

Guidelines for Sample Participation and Explanation of the Derivation of Weighted Participation Rates for the 1994 Trial State Reading Assessment

Introduction

Since 1989, state representatives, the National Assessment Governing Board (NAGB), several committees of advisors external to the National Assessment of Educational Progress (NAEP), and the National Center for Education Statistics (NCES) have engaged in numerous discussions about the procedures for reporting the NAEP Trial State Assessment results. These discussions have continued and been extended in light of the addition of nonpublic school samples to the 1994 NAEP Trial State Assessment.

From the outset of these discussions, it was recognized that sample participation rates across jurisdictions have to be uniformly high to permit fair and valid comparisons. Therefore, NCES established four guidelines for school and student participation in the 1990 Trial State Assessment Program. Participation rate data were first presented in the appendix of the 1990 composite mathematics report (*The State of Mathematics Achievement*) and a notation was made in those appendix tables and in Table 2 of the appropriate state report for any jurisdiction with participation levels that did not meet the original NCES guidelines. Virtually every jurisdiction met or exceeded the four guidelines for the 1990 program.

For the 1992 Trial State Assessment Program, NCES continued to use four guidelines, the first two relating to school participation and the second two relating to student participation. Three of the guidelines for the 1992 program were identical to those used in 1990, while one guideline for school participation was slightly modified. After reviewing the policy of how participation rates should best be presented so that readers of reports could accurately assess the quality of the data being reported, NCES and NAGB decided that for reporting the results from the 1992 Trial State Assessment Program, tables again would have notations for the jurisdictions not meeting each guideline. They also decided that there would be a fuller discussion in the body of the 1992 composite reports and in the Trial State Assessment Program technical reports about the participation rates and nature of the samples for each of the participating jurisdictions.

The 1994 Trial State Assessment Program uses a set of guidelines that have been expanded in two ways. First, new guidelines were designed to preempt publication of results from jurisdictions for which participation rates suggest the possibility of appreciable nonresponse bias. The new guidelines are congruent both with NAGB policies as well as the resolutions of the Education Information Advisory Committee (EIAC). Second, existing guidelines have been extended to cover the presence of separate public and nonpublic school samples in the 1994 Trial State Assessment Program. Guidelines 4, 6, 8, and 10 are similar to the guidelines used for 1992 reading and mathematics state assessments.

This appendix provides:

- Participation rate information for the 1994 Trial State Assessment of reading at grade 4 for both public and nonpublic school samples. This information also appears in an appendix in the *NAEP 1994 Reading Report Card for the Nation and the States*.

- An explanation of the guidelines and notations used in 1994. In brief, the guidelines cover levels of school and student participation, both overall and for particular population classes, separately for both public and nonpublic school samples. Consistent with the NCES standards, weighted data are used to calculate all participation rates for sample surveys, and weighted rates are provided in the reports. The procedures used to derive the weighted school and student participation rates are provided immediately after the discussion of the guidelines and notations.

- A set of tables that provides the 1994 participation rate information for the 1994 Trial State Assessment of Reading. Separate information is provided for the public and nonpublic school samples. The nonpublic school classification includes schools not directed by traditional local or state government agencies. In this context the collection of nonpublic schools includes schools administered by Catholic dioceses and other religious and nonsectarian schools. Domestic schools administered by the Department of Defense[1], and schools administered by the Bureau of Indian Affairs were not classified in either public or nonpublic categories. Because the aggregation of either public or nonpublic school students across all participating jurisdictions is not representative of any meaningful sample, weighted participation rates across participating jurisdictions have not been analyzed. However, the national and regional counts from the national assessment have been included and do provide some context for interpreting the summary of activities in each individual state and territory and for each type of school. Results, for the BIA and domestic DoD schools were included in the overall national and regional results.

---

[1] In the 1994 Trial State Assessment Program, nondomestic (international) Department of Defense Educational Activity schools (DoDEA) were included for the first time. Together they comprise a separate jurisdiction. For all reports including 1994 state-level data, the nondomestic DoDEA schools will be treated as public schools.

Notations for Use in Reporting School and Student Participation Rates

Unless the overall participation rate is sufficiently high for a jurisdiction, there is a risk that the assessment results for that jurisdiction are subject to appreciable nonresponse bias. Moreover, even if the overall participation rate is high, there may be significant nonresponse bias if the nonparticipation that does occur is heavily concentrated among certain types of schools or students. The following guidelines concerning school and student participation rates in the Trial State Assessment Program were established to address four significant ways in which nonresponse bias could be introduced into the jurisdiction sample estimates. The conditions that resulted in the publication of a jurisdiction's results are presented below. Also presented below are the conditions that resulted in a jurisdiction receiving a notation in the 1994 reports. Note that in order for a jurisdiction's results to be published with no notations, that jurisdiction must satisfy all guidelines.

Guidelines on the Publication of NAEP Results

Guideline 1 - Publication of Public School Results:

A jurisdiction will have its public school results published in the 1994 NAEP reading reports if and only if its weighted participation rate for the initial sample of public schools is greater than or equal to 70 percent. Similarly, a jurisdiction will receive a separate NAEP State Report if and only if its weighted participation rate for the initial sample of public schools is greater than or equal to 70 percent.

Guideline 2 - Publication of Nonpublic School Results:

A jurisdiction will have its nonpublic school results published in the 1994 NAEP reading reports if and only if its weighted participation rate for the initial sample of nonpublic schools is greater than or equal to 70 percent AND meets minimum sample size requirements[2]. A jurisdiction eligible to receive a separate NAEP State Report under guideline 1 will have its nonpublic school results included in that report if and only if that jurisdiction's weighted participation rate for the initial sample of nonpublic schools is greater than or equal to 70 percent AND meets minimum sample size requirements. If a jurisdiction meets guideline 2 but fails to meet guideline 1, a separate state report will be produced containing only nonpublic school results.

---

[2] Minimum sample size requirements for reporting nonpublic school data consist of two components: (1) a school sample size of six or more participating schools and (2) an assessed student sample size of at least 62.

Guideline 3 - Publication of Combined Public and Nonpublic School Results

A jurisdiction will have its combined results published in the 1994 NAEP reading reports if and only if both guidelines 1 and 2 are satisfied. Similarly, a jurisdiction eligible to receive a separate NAEP State Report under guideline 1 will have its combined results included in that report if and only if guideline 2 is also met.

Discussion: If a jurisdiction's public or nonpublic school participation rate for the initial sample of schools is below 70 percent there is a substantial possibility that bias will be introduced into the assessment results. This possibility remains even after making statistical adjustments to compensate for school nonparticipation. The likelihood remains that, in aggregate, the substitute schools are sufficiently dissimilar from the originals they are replacing and represent too great a proportion of the population to discount such a difference. Similarly, the assumptions underlying the use of statistical adjustments to compensate for nonparticipation are likely to be significantly violated if the initial response rate falls below the 70 percent level. Guidelines 1, 2, and 3 take this into consideration. These guidelines are congruent with current NAGB policy, which requires that data for jurisdictions that do not have a 70 percent before-substitution participation rate be reported "in a different format", and with the Education Information Advisory Committee (EIAC) resolution, which calls for data from such jurisdictions not to be published.

Guidelines on Notations of NAEP Results

Guideline 4 - Notation for Overall Public School Participation Rate

A jurisdiction that meets guideline 1 will receive a notation if its weighted participation rate for the initial sample of public schools was below 85 percent AND the weighted public school participation rate after substitution was below 90 percent.

Guideline 5 - Notation for Overall Nonpublic School Participation Rate

A jurisdiction that meets guideline 2 will receive a notation if its weighted participation rate for the initial sample of nonpublic schools was below 85 percent AND the weighted nonpublic school participation rate after substitution was below 90 percent.

Discussion: For jurisdictions that did not use substitute schools, the participation rates are based on participating schools from the original sample. In these situations, the NCES standards specify weighted school participation rates of at least 85 percent to guard against potential bias due to school nonresponse. Thus, the first part of these guidelines, referring to the weighted school participation rate for the initial sample of schools, is in direct accordance with NCES standards.

To help ensure adequate sample representation for each jurisdiction participating in the 1994 Trial State Assessment Program, NAEP provided substitutes for nonparticipating public and nonpublic schools. When possible, a substitute school was provided for each initially selected school that declined participation before November 15, 1993. For jurisdictions that used substitute schools, the assessment results will be based on the student data from all schools participating from both the original sample and the list of substitutes (unless both an initial school and its substitute eventually participated, in which case only the data from the initial school will be used).

The NCES standards do not explicitly address the use of substitute schools to replace initially selected schools that decide not to participate in the assessment. However, considerable technical consideration was given to this issue. Even though the characteristics of the substitute schools were matched as closely as possible to the characteristics of the initially selected schools, substitution does not entirely eliminate bias due to the nonparticipation of initially selected schools. Thus, for the weighted school participation rates including substitute schools, the guidelines were set at 90 percent.

If a jurisdiction meets either standard (i.e., 85 percent or higher prior to substitution or 90 percent or higher after substitution) there will be no notation for the relevant overall school participation rate.

Guideline 6 - Notation for Strata-Specific Public School Participation Rate

A jurisdiction that is not already receiving a notation under guideline 4 will receive a notation if the nonparticipating public schools included a class of schools with similar characteristics, which together accounted for more than five percent of the jurisdiction's total fourth-grade weighted sample of public schools. The classes of schools from which a jurisdiction needed minimum school participation levels were determined by degree of urbanization, minority enrollment, and median household income of the area in which the school is located.

Guideline 7 - Notation for Strata-Specific Nonpublic School Participation Rate

A jurisdiction that is not already receiving a notation under guideline 5 will receive a notation if the nonparticipating nonpublic schools included a class of schools with similar characteristics, which together accounted for more than five percent of the jurisdiction's total fourth-grade weighted sample of nonpublic schools. The classes of schools from which a jurisdiction needed minimum school participation levels were determined by type of nonpublic school (Catholic versus non-Catholic) and location (metropolitan versus nonmetropolitan).

Discussion: The NCES standards specify that attention should be given to the representativeness of the sample coverage. Thus, if some important segment of the jurisdiction's population is not adequately represented, it is of concern, regardless of the overall participation rate.

These guidelines address the fact that, if nonparticipating schools are concentrated within a particular class of schools, the potential for substantial bias remains, even if the overall level of school participation appears to be satisfactory. Nonresponse adjustment cells for public schools have been formed within each jurisdiction, and the schools within each cell are similar with respect to minority enrollment, degree of urbanization, and/or median household income, as appropriate for each jurisdiction. For nonpublic schools, nonresponse adjustment cells are determined by type and location of school.

If more than five percent (weighted) of the sampled schools (after substitution) are nonparticipants from a single adjustment cell, the potential for nonresponse bias is too great. These guidelines are based on the NCES standard for stratum-specific school nonresponse rates.

Guideline 8 - Notation for Overall Student Participation Rate in Public Schools

A jurisdiction that meets guideline 1 will receive a notation if the weighted student response rate within participating public schools was below 85 percent.

Guideline 9 - Notation for Overall Student Participation Rate in Nonpublic Schools

A jurisdiction that meets guideline 2 will receive a notation if the weighted student response rate within participating nonpublic schools was below 85 percent.

Discussion: These guidelines follow the NCES standard of 85 percent for overall student participation rates. The weighted student participation rate is based on all eligible students from initially selected or substitute schools who participated in the assessment in either an initial session or a make-up session. If the rate falls below 85 percent, then the potential for bias due to students' nonresponse is too great.

Guideline 10 - Notation for Strata-Specific Student Participation Rate in Public Schools

A jurisdiction that is not already receiving a notation under guideline 8 will receive a notation if the nonresponding students within participating public schools included a class of students with similar characteristics, who together comprised more than five percent of the jurisdiction's weighted assessable public school student sample. Student groups from which a jurisdiction needed minimum levels of participation were determined by age of student and type of assessment session (unmonitored or monitored), as well as school level of urbanization, minority enrollment, and median household income of the area in which the school is located.

Guideline 11 - Notation for Strata-Specific Student Participation Rate in Nonpublic Schools

A jurisdiction that is not already receiving a notation under guideline 9 will receive a notation if the nonresponding students within participating nonpublic schools included a class of students with similar characteristics, who together comprised more than five percent of the jurisdiction's weighted assessable nonpublic school student sample. Student groups from which a jurisdiction needed minimum levels of participation were determined by age of student and type of assessment session (unmonitored or monitored), as well as type and location of school.

Discussion: These guidelines address the fact that if nonparticipating students are concentrated within a particular class of students, the potential for substantial bias remains, even if the overall student participation level appears to be satisfactory. Student nonresponse adjustment cells have been formed using the school-level nonresponse adjustment cells, together with the student's age and the nature of the assessment session (unmonitored or monitored). If more than five percent (weighted) of the invited students who do not participate in the assessment are from a single adjustment cell, then the potential for nonresponse bias is too great. These guidelines are based on the NCES standard for stratum-specific student nonresponse rates.

Derivation of Weighted Participation Rates

Weighted School Participation Rates. The weighted school participation rates within each jurisdiction provide the percentages of fourth-grade students in public (nonpublic) schools who are represented by the schools participating in the assessment, prior to statistical adjustments for school nonresponse.

Two sets of weighted school participation rates are computed for each jurisdiction, one for public schools and one for nonpublic schools. Each set consists of two weighted participation rates. The first is the weighted participation rate for the initial sample of schools. This rate is based only on those schools that were initially selected for the assessment. The numerator of this rate is the sum of the number of students represented by each initially selected school that participated in the assessment. The denominator is the sum of the number of students represented by each of the initially selected schools found to have eligible students enrolled. This includes both participating and nonparticipating schools.

The second participation rate is the weighted participation rate after substitution. The numerator of this rate is the sum of the number of students represented by each of the participating schools, whether originally selected or a substitute. The denominator is the same as that for the weighted participation rate for the initial sample. This means that, for a given jurisdiction and type of school, the weighted participation rate after substitution is always at least as great as the weighted participation rate for the initial sample of schools.

In general, different schools in the sample can represent different numbers of students in the jurisdiction's population. The number of students represented by an initially selected school (the school weight) is the fourth-grade enrollment of the school divided by the probability that the school was included in the sample. For instance, a selected school with a fourth-grade enrollment of 150 and a selection probability of 0.2 represents 750 students from that jurisdiction. The number of students represented by a substitute school is the number of students represented by the replaced nonparticipating school.

Because each selected school represents different numbers of students in the population, the weighted school participation rates may differ somewhat from the simple unweighted rates. (The unweighted rates are calculated from the counts of schools by dividing the number of participating schools by the number of schools in the sample with eligible students enrolled.) The difference between the weighted and the unweighted rates is potentially largest in smaller jurisdictions where all schools with fourth-grade students were included in the sample. In those jurisdictions, each school represents only its own students. Therefore, the nonparticipation of a large school reduces the weighted school participation rate by a greater amount than does the nonparticipation of a small school.

The nonparticipation of larger schools also has greater impact than that of smaller schools on reducing weighted school participation rates in larger jurisdictions where fewer than all of the schools were included in the sample. However, since the number of students represented by each school is more nearly constant in larger states, the difference between the impact of nonparticipation by either large or small schools is less marked than in jurisdictions where all schools were selected.

In general, the greater the population in the jurisdiction, the smaller the difference between the weighted and unweighted school participation rates. However, even in the less populous jurisdictions, the differences tend to be small.

Weighted Student Participation Rate. The weighted student participation rate provides the percentage of the eligible student population from participating schools within the jurisdiction that are represented by the students who participated in the assessment (in either an initial session or a make-up session). Separate weighted student participation rates were calculated for public and nonpublic school students. The eligible student population from participating schools (public or nonpublic) within a jurisdiction consists of all students who were in the fourth grade, who attended a school that, if selected, would have participated and who, if selected, would not have been excluded from the assessment. The numerator of this rate is the sum, across all assessed students, of the number of students represented by each assessed student (prior to adjustment for student nonparticipation). The denominator is the sum of the number of students represented by each selected student who was invited and eligible to participate (i.e., not excluded), including students who did not participate. Thus, the denominator is an estimate of the total number of assessable students in the group of schools within the jurisdiction that would have participated if selected.

The number of students represented by a single selected student (the student weight) is 1.0 divided by the overall probability that the student was selected for assessment. In general, the number of students from a jurisdiction's population represented by a sampled student is approximately constant across students. Consequently, there is little difference between the weighted student participation rate and the unweighted student participation rate.

Weighted Overall School and Student Participation Rate. An overall indicator of the effect of nonparticipation by both students and schools is given by the overall participation rate. Separate overall rates were calculated for public and nonpublic school samples. For each school type (public or nonpublic), these weights were calculated as the product of the weighted school participation rate (after substitution), and the weighted student participation rate. For jurisdictions having a high overall participation rate the potential is low for bias to be introduced through either school nonparticipation or student nonparticipation. This rate provides a summary measure that indicates the proportion of the jurisdiction's fourth-grade public or nonpublic student population that is directly represented by the final student sample. When the overall rate is high, the adjustments for nonresponse that are used in deriving the final survey weights are likely to be effective in maintaining nonresponse bias at a negligible level. Conversely, when the overall rate is relatively low there is a greater chance that a nonnegligible bias remains even after making such adjustments.

The overall rate is not used in establishing the guidelines/notations for school and student participation, since guidelines exist already covering school and student participation separately.

Derivation of Weighted Percentages for Excluded Students

Weighted Percentage of Excluded Students. The weighted percentage of excluded students estimates the percentage of the fourth-grade population in the jurisdiction's schools that is represented by the students who were excluded from the assessment, after accounting for school nonparticipation. The numerator is the sum, across all excluded students, of the number of students represented by each excluded student. The denominator is the sum of the number of students represented by each of the students who was sampled (and had not withdrawn from the school at the time of the assessment).

Weighted Percentage of Students with an Individualized Education Plan (IEP). The weighted percentage of IEP students estimates the percentage of the fourth-grade population in the jurisdiction's schools represented by the students who were classified as IEP, after accounting for school nonparticipation. The numerator is the sum, across all students classified as IEP, of the number of students represented by each IEP student. The denominator is the sum of the number of students represented by each of the students who was sampled (and had not withdrawn from the school at the time of the assessment).

Weighted Percentage of Excluded IEP Students. The weighted percentage of excluded IEP students estimates the percentage of students in the jurisdiction who are represented by those IEP students excluded from the assessment, after accounting for school nonparticipation. The numerator is the sum, across all students classified as IEP and excluded from the assessment, of the number of students represented by each excluded IEP student. The denominator is the sum of the number of students represented by each of the IEP students who was sampled (and had not withdrawn from the school at the time of the assessment).

Weighted Percentage of Limited English Proficiency (LEP) Students. The weighted percentage of LEP students estimates the percentage of the fourth-grade population in the jurisdiction's schools represented by the students who were classified as LEP, after accounting for school nonparticipation. The numerator is the sum, across all students classified as LEP, of the number of students represented by each LEP student. The denominator is the sum of the number of students represented by each of the students who was sampled (and had not withdrawn from the school at the time of the assessment).

Weighted Percentage of Excluded LEP Students. The weighted percentage of LEP students who were excluded estimates the percentage of students in the jurisdiction represented by those LEP students excluded from the assessment, after accounting for school nonparticipation. The numerator is the sum, across all students classified as LEP and excluded from the assessment, of the number of students represented by each excluded LEP student. The denominator is the sum of the number of students represented by each of the LEP students who was sampled (and had not withdrawn from the school at the time of the assessment).

Note: All percentages are based on student weights that have been adjusted for school-level nonresponse. All weighted percentages were calculated separately for public and nonpublic school samples.

APPENDIX B: REPORTING SUBGROUP(S) DEFINITIONS

Findings from the 1994 NAEP reading assessment are presented for groups of students that are defined by shared characteristics. Data are reported for subpopulations only where sufficient numbers of students and adequate school representation are present. For public school students, there must be at least 62 students in a particular subgroup from at least 10 different schools; for non-public school students the minimum requirement is 62 students representing at least 6 different schools. However, data for all students, regardless of whether their subgroup was reported separately, were included in computing overall national, regional, and state results.

The reporting subgroups presented in this report include: race/ethnicity, gender, parents' education level, public/nonpublic school, and region. Definitions of these subgroups are provided below.

Race/Ethnicity. Results are presented for students of different racial/ethnic groups based on the students' self-identification of their race/ethnicity according to the following mutually exclusive categories: White, Black, Hispanic, Asian, Pacific Islander, and American Indian (including Alaskan Native). For the 1992 assessment it was not possible to report separate results for Asian and Pacific Islander students. Consequently, the 1992 data and trend results for the separate categories are not presented in this report.

Gender. Results are reported separately for males and females.

Parents' Education Level. Student's report of the extent of schooling for each of their parents—did not finish high school, graduated from high school, some education after high school, graduated from college, or did not know. The response indicating the higher level of the two parents' education was selected for reporting. Note that a substantial percentage of fourth-grade students did not know their parents' education level.

Public/Nonpublic School. Results are reported by the type of school that the student attends – public or nonpublic school. Nonpublic schools include Catholic and other nonpublic schools. Bureau of Indian Affairs (BIA) schools and domestic Department of Defense (DoD) schools were not classified in either the public or nonpublic categories in the state samples. Results for the BIA and DoD schools are included, however, in the overall national results. (In 1994, Department of Defense Education Activity (DoDEA) Overseas Schools participated and are reported as a separate jurisdiction, though not included in national or regional estimates. All of the nondomestic DoDEA schools were classified as public schools.)

Type of Location. Results are provided for students attending public schools in three mutually exclusive location types — central city, urban fringe/large town, and rural/small town — as defined below. The type of location variable is defined in such a way as to indicate the *geographical* location of a student's school. The intention is not to indicate, or imply, social or economic meanings for these location types. The type of location variable, given the current NAEP sampling, does not support the reporting of regional results. Therefore, only state and national results will be presented. The Central City category includes central cities of all Standard Metropolitan Statistical Areas (SMSAs). Central City is a geographic term and is not synonymous with "inner city." Urban Fringe/Large Town: An Urban Fringe includes all densely settled places and areas within SMSAs that are classified as urban by the Bureau of the Census. A Large Town is defined as places outside SMSAs with a population greater than or equal to 25,000. Rural/Small Town: Rural includes all places and areas with a population of less than 2,500 that are classified as rural by the Bureau of the Census. A Small Town is defined as places outside SMSAs with a population of less than 25,000 but greater than or equal to 2,500.

Region. Results are reported for four regions of the nation: Northeast, Southeast, Central and West. States included in each region are shown in the following figure. All 50 states and the District of Columbia are listed. Guam and the DoDEA Overseas Schools were not assigned to a region. States that participated in the 1994 Trial State Assessment appear in boldface type. Note that the part of Virginia that is included in the Washington, DC, metropolitan statistical area is included in the Northeast region; the remainder of the state is included in the Southeast region.

The national and regional results are based on a separate sample from that used to report the state results. Regional results are based on national assessment samples, not on aggregated Trial State Assessment samples.

NORTHEAST	SOUTHEAST	CENTRAL	WEST
Connecticut	**Alabama**	Illinois	Alaska
Delaware	**Arkansas**	**Indiana**	**Arizona**
District of Columbia	**Florida**	**Iowa**	**California**
Maine	**Georgia**	Kansas	**Colorado**
Maryland	**Kentucky**	**Michigan**	**Hawaii**
Massachusetts	**Louisiana**	**Minnesota**	**Idaho**
New Hampshire	**Mississippi**	**Missouri**	**Montana**
New Jersey	**North Carolina**	**Nebraska**	Nevada
New York	**South Carolina**	**North Dakota**	**New Mexico**
Pennsylvania	**Tennessee**	Ohio	Oklahoma
Rhode Island	**Virginia**	South Dakota	Oregon
Vermont	**West Virginia**	**Wisconsin**	**Texas**
Virginia			**Utah**
			Washington
			Wyoming

APPENDIX C: DRAWING INFERENCES FROM THE RESULTS

The use of *confidence intervals*, based on the standard errors, provides a way to make inferences about the population means and percentages in a manner that reflects the uncertainty associated with the sample estimates. An estimated sample mean proficiency ± 2 standard errors represents a 95 percent confidence interval for the corresponding population quantity. This means that with approximately 95 percent certainty, the average performance of the entire population of interest is within ± 2 standard errors of the sample mean.

As an example, suppose that the average reading proficiency of students in a particular group was 256, with a standard error of 1.2. A 95 percent confidence interval for the population quantity would be as follows:

Mean ± 2 standard errors
256 ± 2 • 1.2
256 ± 2.4
253.6, 258.4

Thus, one can conclude with 95 percent certainty that the average proficiency for the entire population of students in that group is between 253.6 and 258.4.

Similar confidence intervals can be constructed for percentages, provided that the percentages are not extremely large (greater, than 90) or extremely small (less than 10). For extreme percentages, confidence intervals constructed in the above manner may not be appropriate. However, procedures for obtaining accurate confidence intervals are quite complicated. Thus, comparisons involving extreme percentages should be interpreted with this in mind.

To determine whether there is a real difference between the mean proficiency (or percentage of a certain attribute) for two groups in the population, one needs to obtain an estimate of the degree of uncertainty associated with the difference between the proficiency means or percentages of these groups for the sample. This estimate of the degree of uncertainty — called the standard error of the difference between the groups — is obtained by taking the square of each group's standard error, summing these squared standard errors, and then taking the square root of this sum.

$$\sqrt{SE^2 + SE^2}$$

Similar to the manner in which the standard error for an individual group mean or percentage is used, the standard error of the difference can be used to help determine whether differences between groups in the population are real. The difference between the mean proficiency or percentage of the two groups ± 2 standard errors of the difference represents an approximate 95 percent confidence interval. If the resulting interval includes zero, there is insufficient evidence to claim a real difference between groups in the population. If the interval does not contain zero, the difference between groups is statistically significant (different) at the .05 level.

The procedures described in the section, and the certainty ascribed to intervals (e.g., a 95 percent confidence interval) are based on statistical theory that assumes that only one confidence interval or test of statistical significance is being performed. When one considers sets of confidence intervals, like those for the average proficiency of all participating states and territories, statistical theory indicates that the certainty associated with the entire set of intervals is less than that attributable to each individual comparison from the set. If one wants to hold the certainty level for a specific set of comparisons at a particular level (e.g., 95), adjustments (called multiple-comparisons procedures) need to be made.

The standard errors for means and percentages reported by NAEP are statistics and subject to a certain degree of uncertainty. In certain cases, typically when the standard error is based on a small number of students or when the group of students is enrolled in a small number of schools, the amount of uncertainty associated with the standard errors may be quite large. Throughout this report, estimates of standard errors subject to a large degree of uncertainty are designated by the symbol "!". In such cases, the standard errors — and any confidence intervals or significance tests involving these standard errors — should be interpreted cautiously.

APPENDIX D Revisions to the 1992 and 1994 Findings

Following the release of the *1994 NAEP Reading: A First Look* report in April 1995, two technical problems were discovered in the procedures used to develop the NAEP reading scale and achievement levels. Errors were associated with the scale scores computed by the NAEP contractor, the Educational Testing Service (ETS), and the achievement levels developed by the American College Testing Program (ACT). These errors affected the 1992 and 1994 NAEP reading assessment results. The National Center for Education Statistics (NCES) and the National Assessment Governing Board (NAGB) have evaluated the impact of the errors and have taken steps to reanalyze and rereport findings from both reading assessments. The first step in correcting the technical errors is to revise and release this report.

The two technical problems that were discovered are discussed in greater detail in the *NAEP 1994 Technical Report* and the *Technical Report of the NAEP 1994 Trial State Assessment in Reading*. A brief summary is presented below.

The first technical problem arose from an error in the computer program used to compute NAEP scale score results. The error involved the convention used in treating omitted responses in the IRT scaling of the partial-credit, constructed-response questions. It was limited only to those questions. As a result of the error, in 1992 and 1994 NAEP reading analyses, all blank responses (both omitted and not-reached responses) to affected questions were treated as missing — an acceptable treatment but not the conventional option of choice for NAEP. Upon discovery of the problem, ETS and NCES quickly took steps to rectify the problem. Both the national and state assessment results were recalculated using the intended convention for the treatment of omitted responses.

In general, the effect of this technical problem on the previously reported 1992 NAEP reading findings is minimal and had little impact on policy-related interpretations. The recalculated 1992 and 1994 reading scale score results, at both the national and state levels, are quite similar to those published in the 1992 reading reports and the initial version of this report.

The second technical problem is related to the development of the NAEP reading achievement level cut scores. The error involved the mapping of the NAGB-approved achievement levels onto the NAEP reading scale. In deriving the final levels recommended to the Board, panelists' ratings for the multiple-choice and constructed-response questions were combined to obtain an overall rating for the questions. In combining the ratings, the ratings were weighted according to the amount of information provided by each type of question. In other words some of the questions "count more" toward the overall cut scores than others. The weighting was carried out incorrectly, resulting in the constructed-response questions receiving more weight than intended. Therefore the cut scores established by mapping the achievement levels onto the NAEP reading scale were incorrect and the percentages of students at or above these levels were incorrectly estimated. The weighting and scaling errors contributed to these incorrect estimates.

The program that mapped the achievement levels to the NAEP scale was promptly corrected by ACT to appropriately weight the constructed-response questions and revised achievement level cut scores based on the corrected scaling procedures were developed. The net effect was to lower the cut scores for the three achievement levels at each grade. The percentages of students at or above the achievement levels were recalculated using the corrected cut scores and the revised 1992 and 1994 percentages, for both the national and state assessments, are presented in this report.

ISBN 0-16-048544-4
90000
9 780160 485442

ACKNOWLEDGMENTS

NAEP's 1994 Reading Assessment, including the Trial State Assessment Program, was a collaborative effort among staff from State Education Agencies, the National Center for Education Statistics (NCES), the National Assessment Governing Board (NAGB), Educational Testing Service (ETS), Westat, and National Computer Systems (NCS). The program benefited from the contributions of hundreds of individuals at the state and local levels — governors, chief state school officers, state and district test directors, state coordinators, and district administrators — who tirelessly provided their wisdom, experience, and hard work. Most importantly, NAEP is grateful to students and school staff who made the assessment possible.

The assessment was funded through NCES, in the Office of Educational Research and Improvement of the U.S. Department of Education. The NCES staff — particularly Jeanne Griffith, Gary Phillips, Steve Gorman, Susan Ahmed, Peggy Carr, Sharif Shakrani, Sheida White, Maureen Treacy, Shi-Chang Wu, and Mary Naifeh — worked closely and collegially with ETS, Westat, and NCS staff and played a crucial role in all aspects of the program. The 1994 NAEP assessments and reports also benefitted from the consistent support and guidance of Emerson Elliott, past Commissioner of NCES. The members of the National Assessment Governing Board (NAGB) and the NAGB staff provided invaluable advice and guidance throughout. NAEP also owes a debt of gratitude to the numerous panelists and consultants who provided their expertise and worked so conscientiously on developing the assessment.

The NAEP project at ETS is directed by Paul Williams and resides in the Center for the Assessment of Educational Progress (CAEP) managed by Archie Lapointe and Paul Williams. Steve Lazer managed the test development activities, and John Olson coordinated state services. Jay Campbell worked with the Reading Item Development committee to develop the assessment instruments. Jules Goodison managed the operational aspects together with John Olson, and sampling and data collection activities were carried out by Westat under the direction of Rene Slobasky, Nancy Caldwell, and Keith Rust. Printing, distribution, scoring and processing activities were conducted by NCS, under the supervision of Judy Moyer, Brad Thayer, Mathilde Kennel, Linda Reynolds, and Barbara Price.

Statistical and psychometric activities for the national and state assessments were led by Nancy Allen and John Donoghue under the direction of Eugene Johnson, John Mazzeo, and Jim Carlson. Major contributions were made by Clyde Reese, Hua Hua Chang, Spencer Swinton, and Eddie Ip. Steve Isham, Dave Freund, Jennifer Nelson, Kate Pashley, and Lois Worthington performed the reading analyses. Many thanks are provided to the numerous reviewers, internal to ETS and NCES as well as external, who suggested improvements to successive drafts. Alice Kass provided the excellent desktop publishing skills essential to the project.

UNITED STATES
DEPARTMENT OF EDUCATION
WASHINGTON, DC 20208-5653

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

Postage and Fees Paid
U.S. Department of Education
Permit No. G–17

Fourth Class Special
Special Handling

NCES 95–157

BEST COPY AVAILABLE